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Daniela Lopes Freire



Total Citations

Web of Science®	48
Scopus	43

Publications

- **Scientific Journals**

- Scientific journal paper

1	Freire, D. L., Frantz, R. Z., Basto-Fernandes, V., Battisti, G., Sawicki, S. & Roos-Frantz, F. (2025). Multi-queue Round Robin scheduling for enhanced performance in integration platforms. Revista Brasileira de Computação Aplicada. 17 (3), 100-113
2	Freire, D. L., Frantz, R. Z., Roos-Frantz, F. & Basto-Fernandes, V. (2022). Queue-priority optimized algorithm: a novel task scheduling for runtime systems of application integration platforms. The Journal of Supercomputing. 78 (1), 1501-1531 <ul style="list-style-type: none"> - Times Cited Web of Science®: 11 - Times Cited Scopus: 9 - Times Cited Google Scholar: 13

3	<p>Frantz, R. Z., Roos-Frantz, F., Basto-Fernandes, V. & Freire, D. L. (2022). New developments in round robin algorithms and their applications: A systematic mapping study. <i>International Journal of Business Process Integration and Management</i>. 11 (2), 90-108</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 1 - Times Cited Scopus: 2 - Times Cited Google Scholar: 4
4	<p>Freire, D. L., Frantz, R. Z., Roos-Frantz, F. & Basto-Fernandes, V. (2022). Task scheduling characterisation in enterprise application integration. <i>The Journal of Supercomputing</i>. 78 (5), 6528-6566</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 1 - Times Cited Google Scholar: 2
5	<p>Freire, D. L., Mazzonetto, A., Frantz, R. Z., Roos-Frantz, F., Sawicki, S. & Basto-Fernandes, V. (2021). Performance evaluation of thread pool configurations in the run-time systems of integration platforms. <i>International Journal of Business Process Integration and Management</i>. 10 (3-4), 318-329</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 1 - Times Cited Google Scholar: 2
6	<p>Freire, D. L., Frantz, R., Roos-Frantz, F. & Sawicki, S. (2019). A methodology to rank enterprise application integration platforms from a performance perspective: an analytic hierarchy process-based approach. <i>Enterprise Information Systems</i>. 13 (9), 1292-1322</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 3 - Times Cited Scopus: 3 - Times Cited Google Scholar: 5
7	<p>Freire, D. L., Frantz, R. Z., Roos-Frantz, F. & Sawicki, S. (2019). Optimization of the size of thread pool in runtime systems to enterprise application integration: a mathematical modelling approach. <i>TEMA (São Carlos)</i>. 20 (1), 169-188</p> <ul style="list-style-type: none"> - Times Cited Google Scholar: 4
8	<p>Freire, D. L., Frantz, R. & Roos-Frantz, F. (2019). Ranking enterprise application integration platforms from a performance perspective: An experience report. <i>Software: Practice and Experience</i>. 49 (5), 921-941</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 12 - Times Cited Scopus: 11 - Times Cited Google Scholar: 19
9	<p>Freire, D. L., Frantz, R., Roos-Frantz, F. & Sawicki, S. (2018). Survey on the runtime systems of enterprise application integration platforms focusing on performance. <i>Software: Practice and Experience</i>. 49 (3), 341-360</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 19 - Times Cited Scopus: 18 - Times Cited Google Scholar: 27