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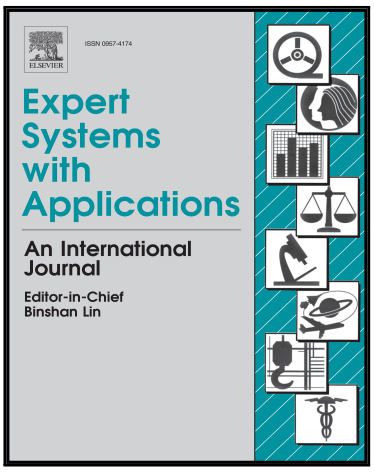

An improved artificial bee colony algorithm for flexible job-shop scheduling problem with fuzzy processing time

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Highlight

- Improved ABC algorithm is proposed for FJSP with fuzzy processing time.
- A heuristic, named MInEnd, is proposed to initialize population.
- New strategies are proposed to generate new solutions.
- The objectives are fuzzy maximum completion time and maximum machine workload.
- Benchmarks and realistic remanufacturing instances are solve by IABC.

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