

Amir Nourmohammadi

List of Publications by Year in descending order

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16
papers

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citations

933447

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16
times ranked

168
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Assembly line balancing by a new multi-objective differential evolution algorithm based on TOPSIS. International Journal of Production Research, 2011, 49, 2833-2855. | 7.5 | 52 |
| 2 | Balancing and scheduling assembly lines with human-robot collaboration tasks. Computers and Operations Research, 2022, 140, 105674. | 4.0 | 43 |
| 3 | An imperialist competitive algorithm for multi-objective U-type assembly line design. Journal of Computational Science, 2013, 4, 393-400. | 2.9 | 32 |
| 4 | An improved genetic algorithm with variable neighborhood search to solve the assembly line balancing problem. Engineering Computations, 2019, 37, 501-521. | 1.4 | 24 |
| 5 | Design of stochastic assembly lines considering line balancing and part feeding with supermarkets. Engineering Optimization, 2019, 51, 63-83. | 2.6 | 22 |
| 6 | Assembly line design considering line balancing and part feeding. Assembly Automation, 2017, 37, 135-143. | 1.7 | 18 |
| 7 | An Optimization Model for Balancing Assembly Lines With Stochastic Task Times and Zoning Constraints. IEEE Access, 2019, 7, 32537-32550. | 4.2 | 16 |
| 8 | A Water-Flow Like Algorithm for Solving U-Shaped Assembly Line Balancing Problems. IEEE Access, 2019, 7, 129824-129833. | 4.2 | 15 |
| 9 | Integrated locating in-house logistics areas and transport vehicles selection problem in assembly lines. International Journal of Production Research, 2021, 59, 598-616. | 7.5 | 14 |
| 10 | Production Sustainability via Supermarket Location Optimization in Assembly Lines. Sustainability, 2020, 12, 4728. | 3.2 | 12 |
| 11 | An integrated model for cost-oriented assembly line balancing and parts feeding with supermarkets. Procedia CIRP, 2018, 72, 381-385. | 1.9 | 9 |
| 12 | Multi-objective optimisation of tool indexing problem: a mathematical model and a modified genetic algorithm. International Journal of Production Research, 2021, 59, 3572-3590. | 7.5 | 7 |
| 13 | Decreasing the Crane Working Time in Retrieving the Containers from a Bay. Scientia Iranica, 2017, 24, 309-318. | 0.4 | 7 |
| 14 | A genetic algorithm for heterogenous human-robot collaboration assembly line balancing problems. Procedia CIRP, 2022, 107, 1444-1448. | 1.9 | 6 |
| 15 | A mathematical model for supermarket location problem with stochastic station demands. Procedia CIRP, 2018, 72, 444-449. | 1.9 | 4 |
| 16 | Choosing efficient meta-heuristics to solve the assembly line balancing problem: A landscape analysis approach. Procedia CIRP, 2019, 81, 1248-1253. | 1.9 | 4 |