

# Amir Nourmohammadi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/612609/publications.pdf>

Version: 2024-02-01

16  
papers

285  
citations

933447

10  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

168  
citing authors

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