# Alena Otto

List of Publications by Year
in descending order

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|---|---|---|---|
| 18 papers | 1,329 citations | 758635 12 h-index | 887659 17 g-index |
| 18 all docs | 18 docs citations | 18 times ranked | 1029 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Rail platooning: Scheduling trains along a rail corridor with rapid-shunting facilities. European Journal of Operational Research, 2021, 294, 760-778. | 3.5 | 8 |
| 2 | Product sequencing in multiple-piece-flow assembly lines. Omega, 2020, 91, 102055. | 3.6 | 8 |
| 3 | Solving the single crane scheduling problem at rail transshipment yards. Discrete Applied Mathematics, 2019, 264, 134-147. | 0.5 | 14 |
| 4 | The train-to-yard assignment problem. OR Spectrum, 2019, 41, 549-580. | 2.1 | 0 |
| 5 | Optimization approaches for civil applications of unmanned aerial vehicles (UAVs) or aerial drones: A survey. Networks, 2018, 72, 411-458. | 1.6 | 568 |
| 6 | Operation of shunting yards: train-to-yard assignment problem. Journal of Business Economics, 2017, 87, 465-486. | 1.3 | 4 |
| 7 | Reducing physical ergonomic risks at assembly lines by line balancing and job rotation: A survey. Computers and Industrial Engineering, 2017, 111, 467-480. | 3.4 | 124 |
| 8 | Preventing ergonomic risks with integrated planning on assembly line balancing and parts feeding. International Journal of Production Research, 2017, 55, 7452-7472. | 4.9 | 66 |
| 9 | Ergonomic workplace design in the fast pick area. OR Spectrum, 2017, 39, 945-975. | 2.1 | 39 |
| 10 | Two-Way Bounded Dynamic Programming Approach for Operations Planning in Transshipment Yards. Transportation Science, 2017, 51, 325-342. | 2.6 | 15 |
| 11 | Shunting operations at flat yards: retrieving freight railcars from storage tracks. OR Spectrum, 2017, 40, 367. | 2.1 | 7 |
| 12 | The Integrated Assembly Line Balancing and Parts Feeding Problem with Ergonomics Considerations. IFAC-PapersOnLine, 2016, 49, 191-196. | 0.5 | 32 |
| 13 | How to design effective priority rules: Example of simple assembly line balancing. Computers and Industrial Engineering, 2014, 69, 43-52. | 3.4 | 45 |
| 14 | Extending assembly line balancing problem by incorporating learning effects. International Journal of Production Research, 2014, 52, 7193-7208. | 4.9 | 25 |
| 15 | Multiple-source learning precedence graph concept for the automotive industry. European Journal of Operational Research, 2014, 234, 253-265. | 3.5 | 12 |
| 16 | Reducing ergonomic risks by job rotation scheduling. OR Spectrum, 2013, 35, 711-733. | 2.1 | 51 |
| 17 | Systematic data generation and test design for solution algorithms on the example of SALBPGen for assembly line balancing. European Journal of Operational Research, 2013, 228, 33-45. | 3.5 | 142 |
| 18 | Incorporating ergonomic risks into assembly line balancing. European Journal of Operational Research, 2011, 212, 277-286. | 3.5 | 169 |