# Anja Fischer

## List of Publications by Year
## in descending order

| 17 | 151 | 1163117 | 1199594 |
|---|---|---|---|
| papers | citations | 8 | 12 |
| | | h-index | g-index |

| 17 | 17 | 17 | 89 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | The symmetric quadratic traveling salesman problem. Mathematical Programming, 2013, 142, 205-254. | 2.4 | 24 |
| 2 | Improved exact approaches for row layout problems with departments of equal length. European Journal of Operational Research, 2018, 270, 514-529. | 5.7 | 24 |
| 3 | New exact approaches to row layout problems. Mathematical Programming Computation, 2019, 11, 703-754. | 4.8 | 24 |
| 4 | Minimization and maximization versions of the quadratic travelling salesman problem. Optimization, 2017, 66, 521-546. | 1.7 | 13 |
| 5 | Complete description for the spanning tree problem with one linearised quadratic term. Operations Research Letters, 2013, 41, 701-705. | 0.7 | 12 |
| 6 | Decorous combinatorial lower bounds for row layout problems. European Journal of Operational Research, 2020, 286, 929-944. | 5.7 | 12 |
| 7 | The traveling salesman problem on grids with forbidden neighborhoods. Journal of Combinatorial Optimization, 2017, 34, 891-915. | 1.3 | 9 |
| 8 | Matroid optimisation problems with nested non-linear monomials in the objective function. Mathematical Programming, 2018, 169, 417-446. | 2.4 | 9 |
| 9 | Combining Simulation and Optimization for Extended Double Row Facility Layout Problems in Factory Planning. Communications in Computer and Information Science, 2018, , 39-59. | 0.5 | 7 |
| 10 | An extended approach for lifting clique tree inequalities. Journal of Combinatorial Optimization, 2015, 30, 489-519. | 1.3 | 5 |
| 11 | Simulation and optimization of robot driven production systems for peak-load reduction. , 2012, , . | | 3 |
| 12 | The Traveling Salesperson Problem with Forbidden Neighborhoods on Regular 3D Grids. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2018, , 213-219. | 0.1 | 2 |
| 13 | Matroid optimization problems with monotone monomials in the objective. Discrete Applied Mathematics, 2022, 308, 20-35. | 0.9 | 2 |
| 14 | A New Exact Approach to the Space-Free Double Row Layout Problem. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2017, , 125-130. | 0.1 | 2 |
| 15 | Exact approaches for the combined cell layout problem. European Journal of Operational Research, 2022, , . | 5.7 | 2 |
| 16 | Closed Almost Knight's Tours on 2D and 3D Chessboards. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2018, , 185-190. | 0.1 | 1 |
| 17 | Counting degree sequences of spanning trees in bipartite graphs: A graph-theoretic proof. Journal of Graph Theory, 2019, 92, 230-236. | 0.9 | 0 |