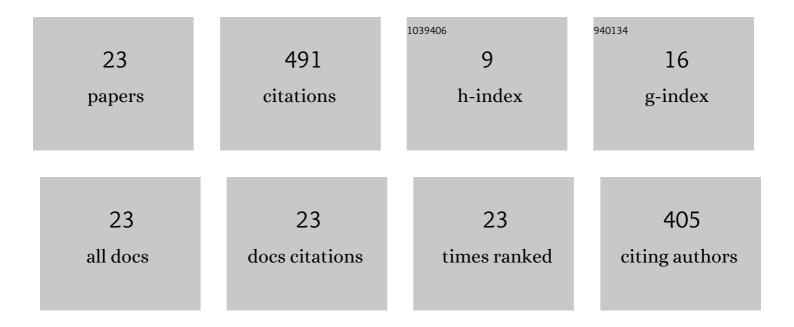
## Sergey Polyakovskiy

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2149938/publications.pdf Version: 2024-02-01



| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Sustainable supply chain network design: A case of the wine industry in Australia. Omega, 2017, 66, 236-247.   | 3.6 | 142       |
| 2  | A comprehensive benchmark set and heuristics for the traveling thief problem. , 2014, , .  |     | 76        |
| 3  | An agent-based approach to the two-dimensional guillotine bin packing problem. European Journal of<br>Operational Research, 2009, 192, 767-781.                            | 3.5 | 41        |
| 4  | Approximate Approaches to the Traveling Thief Problem. , 2015, , .   |     | 41        |
| 5  | A hybrid feasibility constraints-guided search to the two-dimensional bin packing problem with due<br>dates. European Journal of Operational Research, 2018, 266, 819-839. | 3.5 | 29        |
| 6  | A multi-agent system for the weighted earliness tardiness parallel machine problem. Computers and<br>Operations Research, 2014, 44, 115-136.                               | 2.4 | 25        |
| 7  | Exact Approaches for the Travelling ThiefÂProblem. Lecture Notes in Computer Science, 2017, , 110-121.   | 1.0 | 20        |
| 8  | Just-in-time two-dimensional bin packing. Omega, 2021, 102, 102311.  | 3.6 | 18        |
| 9  | Evolutionary computation plus dynamic programming for the bi-objective travelling thief problem. , 2018, , .   |     | 16        |
| 10 | The Packing While Traveling Problem. European Journal of Operational Research, 2017, 258, 424-439.   | 3.5 | 13        |
| 11 | On the Impact of the Renting Rate for the Unconstrained Nonlinear Knapsack Problem. , 2016, , .  |     | 12        |
| 12 | The three-dimensional matching problem in Kalmanson matrices. Journal of Combinatorial Optimization, 2013, 26, 1-9.  | 0.8 | 11        |
| 13 | The approximability of three-dimensional assignment problems with bottleneck objective. Optimization Letters, 2010, 4, 7-16.   | 0.9 | 10        |
| 14 | Between a rock and a hard place: the two-to-one assignment problem. Mathematical Methods of<br>Operations Research, 2012, 76, 223-237.                                     | 0.4 | 7         |
| 15 | Solving hard control problems in voting systems via integer programming. European Journal of<br>Operational Research, 2016, 250, 204-213.                                  | 3.5 | 7         |
| 16 | Packing While Traveling: Mixed Integer Programming for a Class of Nonlinear Knapsack Problems.<br>Lecture Notes in Computer Science, 2015, , 332-346.                      | 1.0 | 7         |
| 17 | A Fully Polynomial Time Approximation Scheme for Packing While Traveling. Lecture Notes in<br>Computer Science, 2019, , 59-72.   | 1.0 | 6         |
| 18 | Just-in-time batch scheduling subject to batch size. , 2020, , .   |     | 3         |

Just-in-time batch scheduling subject to batch size. , 2020, , . 18

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Just-in-time batch scheduling problem with two-dimensional bin packing constraints. , 2017, , .   |     | 2         |
| 20 | A lookahead matheuristic for the unweighed variable-sized two-dimensional bin packing problem.<br>European Journal of Operational Research, 2022, 299, 104-117. | 3.5 | 2         |
| 21 | An Intelligent Framework to Online Bin Packing in a Just-In-Time Environment. Lecture Notes in<br>Computer Science, 2011, , 226-236.                            | 1.0 | 2         |
| 22 | The Focus of Attention Problem. Algorithmica, 2016, 74, 559-573.  | 1.0 | 1         |
| 23 | Between a Rock and a Hard Place: The Two-to-One Assignment Problem. Lecture Notes in Computer Science, 2010, , 159-169.   | 1.0 | 0         |