

# Henrik Andersson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2544292/publications.pdf>

Version: 2024-02-01

48  
papers

2,195  
citations

304743

22  
h-index

223800

46  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1445  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulating emergency patient flow during the COVID-19 pandemic. Journal of Simulation, 2023, 17, 407-421.	1.5	9
2	A Branch-Price-and-Cut Algorithm for the Two-Echelon Vehicle Routing Problem with Time Windows. Transportation Science, 2022, 56, 245-264.	4.4	7
3	An improved formulation for the inventory routing problem with time-varying demands. European Journal of Operational Research, 2022, 302, 1189-1201.	5.7	6
4	A column generation heuristic for the dynamic bicycle rebalancing problem. European Journal of Operational Research, 2022, , .	5.7	9
5	A new formulation for the liner shipping network design problem. International Transactions in Operational Research, 2021, 28, 638-659.	2.7	6
6	A multi-period analysis of the integrated item-sharing and crowdshipping problem. European Journal of Operational Research, 2021, 292, 483-499.	5.7	12
7	Optimizing Maritime Preparedness Under Uncertainty – Locating Tugboats Along the Norwegian Coast. Lecture Notes in Computer Science, 2021, , 97-111.	1.3	0
8	Semi-cyclic rostering of ranked surgeons – A real-life case with stability and flexibility measures. Operations Research for Health Care, 2021, 28, 100286.	1.2	1
9	An iterative matheuristic for the inventory routing problem. Computers and Operations Research, 2021, 131, 105262.	4.0	19
10	The Dynamic Electric Carsharing Relocation Problem. EURO Journal on Transportation and Logistics, 2021, 10, 100055.	2.2	8
11	Using optimization to provide decision support for strategic emergency medical service planning – Three case studies. International Journal of Medical Informatics, 2020, 133, 103975.	3.3	21
12	Optimal charging and repositioning of electric vehicles in a free-floating carsharing system. Computers and Operations Research, 2020, 113, 104771.	4.0	65
13	A Branch-and-Price Algorithm for the Liner Shipping Network Design Problem. SN Operations Research Forum, 2020, 1, 1.	1.0	0
14	The Multistage Stochastic Vehicle Routing Problem with Dynamic Occasional Drivers. Lecture Notes in Computer Science, 2020, , 261-276.	1.3	2
15	ReLU networks as surrogate models in mixed-integer linear programs. Computers and Chemical Engineering, 2019, 131, 106580.	3.8	79
16	An exact solution method for the capacitated item-sharing and crowdshipping problem. European Journal of Operational Research, 2019, 279, 589-604.	5.7	33
17	The pickup and delivery problem with time windows and occasional drivers. Computers and Operations Research, 2019, 109, 122-133.	4.0	61
18	Global optimisation of multi-plant manganese alloy production. Computers and Chemical Engineering, 2018, 110, 78-92.	3.8	5

#	ARTICLE	IF	CITATIONS
19	Offshore Supply Planning in a Rolling Time Horizon. Lecture Notes in Computer Science, 2018, , 17-31.	1.3	0
20	Creating annual delivery programs of liquefied natural gas. Optimization and Engineering, 2017, 18, 299-316.	2.4	18
21	Strategic ambulance location for heterogeneous regions. European Journal of Operational Research, 2017, 260, 122-133.	5.7	40
22	Base location and helicopter fleet composition in the oil industry. Infor, 2017, 55, 71-92.	0.6	2
23	The integrated dial-a-ride problem with timetabled fixed route service. Public Transport, 2017, 9, 217-241.	2.7	37
24	Arc Routing with Precedence Constraints: An Application to Snow Plowing Operations. Lecture Notes in Computer Science, 2017, , 174-188.	1.3	3
25	Designing a maritime supply chain for distribution of wood pellets: a case study from southern Norway. Flexible Services and Manufacturing Journal, 2017, 29, 572-600.	3.4	4
26	Vessel routing with pickups and deliveries: An application to the supply of offshore oil platforms. Computers and Operations Research, 2017, 79, 140-147.	4.0	26
27	Analyzing complex service structures in liner shipping network design. Flexible Services and Manufacturing Journal, 2017, 29, 535-552.	3.4	20
28	The Static Bicycle Repositioning Problem - Literature Survey and New Formulation. Lecture Notes in Computer Science, 2016, , 337-351.	1.3	14
29	A Multi-product Maritime Inventory Routing Problem with Undedicated Compartments. Lecture Notes in Computer Science, 2016, , 3-17.	1.3	4
30	A new decomposition algorithm for a liquefied natural gas inventory routing problem. International Journal of Production Research, 2016, 54, 564-578.	7.5	36
31	A branch-and-price method for a ship routing and scheduling problem with cargo coupling and synchronization constraints. EURO Journal on Transportation and Logistics, 2015, 4, 421-443.	2.2	11
32	An effective heuristic for solving a combined cargo and inventory routing problem in tramp shipping. Computers and Operations Research, 2015, 64, 274-282.	4.0	22
33	Integrated maritime fleet deployment and speed optimization: Case study from RoRo shipping. Computers and Operations Research, 2015, 55, 233-240.	4.0	111
34	A New Formulation Based on Customer Delivery Patterns for a Maritime Inventory Routing Problem. Transportation Science, 2015, 49, 384-401.	4.4	21
35	Order Management in the Offshore Oil and Gas Industry. Lecture Notes in Computer Science, 2015, , 648-657.	1.3	2
36	Containership Routing and Scheduling in Liner Shipping: Overview and Future Research Directions. Transportation Science, 2014, 48, 265-280.	4.4	353

#	ARTICLE	IF	CITATIONS
37	Vendor managed inventory in tramp shipping. Omega, 2014, 47, 60-72.	5.9	29
38	A maritime inventory routing problem: Discrete time formulations and valid inequalities. Networks, 2013, 62, 297-314.	2.7	65
39	A branch-price-and-cut method for a ship routing and scheduling problem with split loads. Computers and Operations Research, 2012, 39, 3361-3375.	4.0	45
40	A construction and improvement heuristic for a liquefied natural gas inventory routing problem. Computers and Industrial Engineering, 2012, 62, 245-255.	6.3	70
41	The Maritime Pickup and Delivery Problem with Time Windows and Split Loads. Infor, 2011, 49, 79-91.	0.6	31
42	A Maritime Pulp Distribution Problem. Infor, 2011, 49, 125-138.	0.6	8
43	Ship routing and scheduling with cargo coupling and synchronization constraints. Computers and Industrial Engineering, 2011, 61, 1107-1116.	6.3	33
44	A rolling horizon heuristic for creating a liquefied natural gas annual delivery program. Transportation Research Part C: Emerging Technologies, 2011, 19, 896-911.	7.6	100
45	Industrial aspects and literature survey: Combined inventory management and routing. Computers and Operations Research, 2010, 37, 1515-1536.	4.0	388
46	Industrial aspects and literature survey: Fleet composition and routing. Computers and Operations Research, 2010, 37, 2041-2061.	4.0	263
47	Transportation Planning and Inventory Management in the LNG Supply Chain. Energy Systems, 2010, , 427-439.	0.5	27
48	The Integrated Dial-a-Ride Problem. Public Transport, 2009, 1, 39-54.	2.7	50