

# Eugene Levner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7386698/publications.pdf>

Version: 2024-02-01

41  
papers

1,269  
citations

471061

17  
h-index

377514

34  
g-index

44  
all docs

44  
docs citations

44  
times ranked

565  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic scheduling in robotic flowshops. <i>Annals of Operations Research</i> , 2000, 96, 97-124.	2.6	172
2	Complexity of cyclic scheduling problems: A state-of-the-art survey. <i>Computers and Industrial Engineering</i> , 2010, 59, 352-361.	3.4	169
3	An improved algorithm for cyclic flowshop scheduling in a robotic cell. <i>European Journal of Operational Research</i> , 1997, 97, 500-508.	3.5	99
4	Multiple-part cyclic hoist scheduling using a sieve method. <i>IEEE Transactions on Automation Science and Engineering</i> , 1999, 15, 704-713.	2.4	82
5	Entropy-based model for the ripple effect: managing environmental risks in supply chains. <i>International Journal of Production Research</i> , 2018, 56, 2539-2551.	4.9	64
6	Cyclic scheduling in a robotic production line. <i>Journal of Scheduling</i> , 2002, 5, 23-41.	1.3	59
7	A parametric critical path problem and an application for cyclic scheduling. <i>Discrete Applied Mathematics</i> , 1998, 87, 149-158.	0.5	57
8	A polynomial algorithm for 2-degree cyclic robot scheduling. <i>European Journal of Operational Research</i> , 2003, 145, 31-44.	3.5	52
9	Social Media Engagement and Influenza Vaccination During the COVID-19 Pandemic: Cross-sectional Survey Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e25977.	2.1	47
10	Minimizing the cycle time of multiple-product processing networks with a fixed operation sequence, setups, and time-window constraints. <i>European Journal of Operational Research</i> , 2008, 187, 1196-1211.	3.5	40
11	A strongly polynomial algorithm for no-wait cyclic robotic flowshop scheduling. <i>Operations Research Letters</i> , 1997, 21, 171-179.	0.5	39
12	Minimizing the number of robots to meet a given cyclic schedule. <i>Annals of Operations Research</i> , 1997, 69, 209-226.	2.6	37
13	A faster algorithm for 2-cyclic robotic scheduling with a fixed robot route and interval processing times. <i>European Journal of Operational Research</i> , 2011, 209, 51-56.	3.5	34
14	Cyclic multiple-robot scheduling with time-window constraints using a critical path approach. <i>European Journal of Operational Research</i> , 2007, 177, 147-162.	3.5	33
15	An efficient algorithm for multi-hoist cyclic scheduling with fixed processing times. <i>Operations Research Letters</i> , 2006, 34, 465-472.	0.5	28
16	An efficient bicriteria algorithm for stable robotic flow shop scheduling. <i>European Journal of Operational Research</i> , 2017, 260, 964-971.	3.5	27
17	A polynomial algorithm for 2-cyclic robotic scheduling: A non-Euclidean case. <i>Discrete Applied Mathematics</i> , 2009, 157, 339-355.	0.5	24
18	Title is missing!. , 1998, 10, 129-138.		18

#	ARTICLE	IF	CITATIONS
19	A multi-criterion approach to optimal vaccination planning: Method and solution. Computers and Industrial Engineering, 2018, 126, 637-649.	3.4	18
20	An entropy-based approach to identifying vulnerable components in a supply chain. International Journal of Production Research, 2015, 53, 6888-6902.	4.9	16
21	Power-optimized scheduling server for real-time tasks. , 0, , .		14
22	Cyclic routing algorithms in graphs: Performance analysis and applications to robot scheduling. Computers and Industrial Engineering, 2011, 61, 279-288.	3.4	13
23	Change in Threads on Twitter Regarding Influenza, Vaccines, and Vaccination During the COVID-19 Pandemic: Artificial Intelligence-Based Infodemiology Study. JMIR Infodemiology, 2021, 1, e31983.	1.0	13
24	Parametric algorithms for 2-cyclic robot scheduling with interval processing times. Journal of Scheduling, 2011, 14, 267-279.	1.3	12
25	Efficient computation of evacuation routes on a three-dimensional geometric network. Computers and Industrial Engineering, 2014, 76, 231-242.	3.4	12
26	Infinite-horizon scheduling algorithms for optimal search for hidden objects. International Transactions in Operational Research, 1994, 1, 241-250.	1.8	11
27	Integrated demand-responsive scheduling of maintenance and transportation operations in military supply chains. International Journal of Production Research, 2016, 54, 5798-5810.	4.9	10
28	Entropy-Based Algorithm for Supply-Chain Complexity Assessment. Algorithms, 2018, 11, 35.	1.2	10
29	Routing and dispatching of multiple mobile agents in integrated enterprises. International Journal of Production Economics, 2013, 145, 96-106.	5.1	9
30	Optimal bi-criterion planning of rescue and evacuation operations for marine accidents using an iterative scheduling algorithm. Annals of Operations Research, 2021, 296, 407-420.	2.6	9
31	Optimal Search for Hidden Targets by Unmanned Aerial Vehicles under Imperfect Inspections. American Journal of Operations Research, 2016, 06, 153-166.	0.2	9
32	Scheduling an autonomous robot searching for hidden targets. Annals of Operations Research, 2021, 298, 95-109.	2.6	7
33	On fast path-finding algorithms in AND-OR graphs. Mathematical Problems in Engineering, 2002, 8, 283-293.	0.6	4
34	Detection and improvement of deficiencies and failures in public-transportation networks using agent-enhanced distribution data mining. , 2011, , .		3
35	An improved approximation algorithm for the ancient scheduling problem with deadlines. , 2014, , .		3
36	A Parametric Algorithm for 2-Cyclic Robotic Scheduling with Interval Processing Times. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 780-785.	0.4	2

#	ARTICLE	IF	CITATIONS
37	A Fast Algorithm for Detecting Hidden Objects by Smart Mobile Robots. , 2017, , .		2
38	Parametric Algorithms for Cyclic Scheduling Problems with Applications to Robotics. Lecture Notes in Computer Science, 2008, , 653-663.	1.0	2
39	A note on a quadratic algorithm for the 2-cyclic robotic scheduling problem. Theoretical Computer Science, 2009, 410, 5188-5190.	0.5	1
40	The Howard-Romanovskii routing algorithm revisited, with applications to robot scheduling. , 2009, , .		0
41	Exact approximation algorithms of scheduling in evacuation and recovery service. , 2013, , .		0