Yuval Cohen

List of Publications by Year
in descending order

71 papers	1,336 citations	394421 19 h-index	377865 34 g-index
75 all docs	75 docs citations	75 times ranked	1178 citing authors

#	Article	IF	Citations
1	Deploying cobots in collaborative systems: major considerations and productivity analysis. International Journal of Production Research, 2022, 60, 1815-1831.	7.5	37
2	Optimizing termination decision for meta-heuristic search techniques that converge to a static objective-value distribution. OR Spectrum, 2022, 44, 249-271.	3.4	1
3	Techno-economic analysis of energy supply to personal rapid transit (PRT) systems. Applied Energy, 2022, 306, 118006.	10.1	4
4	Roadmap Optimization: Multi-Annual Project Portfolio Selection Method. Mathematics, 2022, 10, 1601.	2.2	1
5	A smart process controller framework for Industry 4.0 settings. Journal of Intelligent Manufacturing, 2021, 32, 1975-1995.	7.3	15
6	Counterintelligence Technologies: An Exploratory Case Study of Preliminary Credibility Assessment Screening System in the Afghan National Defense and Security Forces. Information (Switzerland), 2021, 12, 122.	2.9	3
7	Editorial: intelligent manufacturing systems towards industry 4.0 era. Journal of Intelligent Manufacturing, 2021, 32, 1793-1796.	7.3	35
8	High-Tech Defense Industries: Developing Autonomous Intelligent Systems. Applied Sciences (Switzerland), 2021, 11, 4920.	2.5	11
9	A framework for smart control using machine-learning modeling for processes with closed-loop control in Industry 4.0. Engineering Applications of Artificial Intelligence, 2021, 102, 104236.	8.1	11
10	Reappraisal of the historical myopia epidemic in native Arctic communities. Ophthalmic and Physiological Optics, 2021, 41, 1332-1345.	2.0	5
11	Digitization of Assembly Line for Complex Products â€' The Digital Nursery of Workpiece Digital Twins. IFAC-PapersOnLine, 2021, 54, 158-162.	0.9	3
12	Absenteeism and Turnover as Motivation Factors for Segmenting Assembly Lines. IFAC-PapersOnLine, 2021, 54, 613-616.	0.9	2
13	Framework for Block-Chain Deployment in Assembly of an Air-Craft or a SpaceCraft. IFAC-PapersOnLine, 2021, 54, 988-992.	0.9	2
14	A framework for operator â€" Âworkstation interaction in Industry 4.0. International Journal of Production Research, 2020, 58, 2421-2432.	7.5	51
15	A New Cobot Deployment Strategy in Manual Assembly Stations: Countering the Impact of Absenteeism. IFAC-PapersOnLine, 2020, 53, 10275-10278.	0.9	3
16	Assembly systems in Industry 4.0 era: a road map to understand Assembly 4.0. International Journal of Advanced Manufacturing Technology, 2019, 105, 4037-4054.	3.0	110
17	Design and management of digital manufacturing and assembly systems in the Industry 4.0 era. International Journal of Advanced Manufacturing Technology, 2019, 105, 3565-3577.	3.0	116
18	Exploring Opportunities for Artificial Emotional Intelligence in Service Production Systems. IFAC-PapersOnLine, 2019, 52, 1145-1149.	0.9	5

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19	Hierarcy of Smart Awareness in Assembly 4.0 Systems. IFAC-PapersOnLine, 2019, 52, 1508-1512.	0.9	5
20	Strategic View on Cobot Deployment in Assembly 4.0 Systems. IFAC-PapersOnLine, 2019, 52, 1519-1524.	0.9	26
21	Presenting the several-release-problem and its cluster-based solution accelartion. International Journal of Production Research, 2019, 57, 4413-4434.	7.5	3
22	Optimizing Cloud Computing Costs of Services for Consumers. Advances in Marketing, Customer Relationship Management, and E-services Book Series, 2019, , 83-96.	0.8	0
23	Feature assignment in multi-release work plan: Accelerating optimization using gene clustering. Computers and Industrial Engineering, 2018, 118, 123-137.	6.3	3
24	Workstation–Operator Interaction in 4.0 Era: WOI 4.0. IFAC-PapersOnLine, 2018, 51, 399-404.	0.9	12
25	Optimizing Cloud Computing Costs of Services for Consumers. , 2018, , 1627-1637.		0
26	Demand Biorhythm Estimation for Setting Service Capacity. International Journal of Information Systems and Social Change, 2018, 9, 30-44.	0.1	0
27	Assembly system configuration through Industry 4.0 principles: the expected change in the actual paradigms. IFAC-PapersOnLine, 2017, 50, 14958-14963.	0.9	65
28	Optimizing version release dates of research and development long-term processes. European Journal of Operational Research, 2017, 259, 642-653.	5.7	11
29	Optimizing Group Waiting Time in Service System with Learning Effect. International Journal of Business Analytics, 2017, 4, 18-35.	0.4	2
30	Development of Experimental Myopia in Chicks in a Natural Environment. , 2016, 57, 4779.		38
31	Determining Manager's Load & Control Span by Modeling Management as a Service Activity. , 2016, , .		0
32	Project Scope Partitioning by Clustering Features into Releases of Long R&D Projects. Procedia Computer Science, 2016, 100, 1235-1241.	2.0	0
33	A technique for integrated modelling of manual and automatic assembly. Journal of Manufacturing Technology Management, 2015, 26, 164-181.	6.4	12
34	Date Palm Status and Perspective in Israel. , 2015, , 265-298.		9
35	Cost Optimization of Cloud Computing Services in a Networked Environment. International Journal of Advanced Computer Science and Applications, 2015, 6, .	0.7	14
36	Optimizing Bundling Policy of Single-Period Products. International Journal of Operations Research and Information Systems, 2014, 5, 1-25.	1.0	3

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37	Behavioral Decision Making in the (Q ,R) Purchasing Model: An Experimental Study. Managerial and Decision Economics, 2014, 35, 357-370.	2.5	2
38	From product documentation to a 'method prototype' and standard times: a new technique for complex manual assembly. International Journal of Production Research, 2014, 52, 507-520.	7.5	16
39	Scheduling Large and Complex IT Projects Using Sliding-Frame Approach. , 2014, , 1521-1533.		0
40	Assembly line segmentation: determining the number of stations per section. Journal of Manufacturing Technology Management, 2013, 24, 397-412.	6.4	3
41	Nationality and risk attitude: Testing differences and similarities of investors' behavior in selected financial markets. Global Finance Journal, 2013, 24, 114-118.	5.1	5
42	Minimising throughput loss in assembly lines due to absenteeism and turnover via work-sharing. International Journal of Production Research, 2013, 51, 6140-6151.	7.5	20
43	Phospholipase A$_2$ inhibition as potential therapy for inflammatory skin diseases. Immunotherapy, 2013, 5, 315-317.	2.0	11
44	Automating the Transformation From a Prototype to a Method of Assembly. Lecture Notes in Electrical Engineering, 2013, , 99-106.	0.4	0
45	New Automated Assembly Model Based on Automated Route Card Scheme. Lecture Notes in Electrical Engineering, 2013, , 95-102.	0.4	0
46	Ambient illuminance, retinal dopamine release and refractive development in chicks. Experimental Eye Research, 2012, 103, 33-40.	2.6	114
47	Absenteeism as a major cause of bottlenecks in assembly lines. International Journal of Production Research, 2012, 50, 6072-6080.	7.5	16
48	Finding the Shortest Non-Delay Schedule for a Resource-Constrained Project. International Journal of Operations Research and Information Systems, 2012, 3, 41-58.	1.0	4
49	Dependency between light intensity and refractive development under light–dark cycles. Experimental Eye Research, 2011, 92, 40-46.	2.6	101
50	Using a Sliding-Frame Approach for Scheduling Large and Complex IT Projects. International Journal of Information Technology Project Management, 2011, 2, 1-13.	0.5	6
51	The sliding frame – extending the concept to various assembly line balancing problems. International Journal of Manufacturing Technology and Management, 2010, 20, 4.	0.1	6
52	A New Technique for Estimating the Distribution of a Stochastic Project Makespan. International Journal of Information Technology Project Management, 2010, 1, 14-27.	0.5	5
53	Correlation between asthenopic symptoms and different measurements of convergence and reading comprehension and saccadic fixation eye movements. Optometry - Journal of the American Optometric Association, 2010, 81, 28-34.	0.6	22
54	Resource Allocation in Bounded Degree Trees. Algorithmica, 2009, 54, 89-106.	1.3	14

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55	Trailer to door assignment in a synchronous cross-dock operation. International Journal of Logistics Systems and Management, 2009, 5, 574.	0.2	35
56	Work allocation to stations with varying learning slopes and without buffers. European Journal of Operational Research, 2008, 184, 797-801.	5.7	18
57	Light intensity modulates corneal power and refraction in the chick eye exposed to continuous light. Vision Research, 2008, 48, 2329-2335.	1.4	35
58	Modelling and scheduling projects using Petri nets. International Journal of Project Organisation and Management, 2008, 1, 221.	0.1	10
59	Allocation of work to the stations of an assembly line with buffers between stations and three general learning patterns. International Journal of Intelligent Systems Technologies and Applications, 2008, 4, 123.	0.2	7
60	Optimal layout and work allocation in batch assembly under learning effect. International Journal of Intelligent Systems Technologies and Applications, 2008, 4, 188.	0.2	2
61	A modeling technique for execution and simulation of discrete automation. , 2008, , 273-277.		1
62	Treatment of inflammatory diseases by selective eicosanoid inhibition: a double-edged sword?. Trends in Pharmacological Sciences, 2007, 28, 459-464.	8.7	46
63	Relationship between night myopia and night-time motor vehicle accidents. Acta Ophthalmologica, 2007, 85, 367-370.	0.3	14
64	MOLECULAR AND PHENOTYPIC CHARACTERIZATION OF SOMACLONAL VARIATION IN DATE PALM OFF-TYPES ORIGINATED FROM TISSUE CULTURE. Acta Horticulturae, 2007, , 417-423.	0.2	6
65	Optimal allocation of work in assembly lines for lots with homogenous learning. European Journal of Operational Research, 2006, 168, 922-931.	5.7	34
66	Non-delay scheduling as a managerial approach for managing projects. International Journal of Project Management, 2006, 24, 330-336.	5.6	19
67	Optimizing the number of stations in assembly lines under learning for limited production. Production Planning and Control, 1998, 9, 230-240.	8.8	29
68	A Monte Carlo study of the Gross-Neveu model. Nuclear Physics B, 1983, 220, 102-118.	2.5	52
69	Monte Carlo study of chiral structure: The Gross-Neveu model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1981, 104, 289-293.	4.1	21
70	A New Technique for Estimating the Distribution of a Stochastic Project Makespan. , 0, , 33-47.		0
71	Scheduling Large and Complex IT Projects Using Sliding-Frame Approach. , 0, , 173-185.		0