

Mohsen Moghaddam

List of Publications by Year in descending order

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55
papers

1,362
citations

448610

19
h-index

388640

36
g-index

55
all docs

55
docs citations

55
times ranked

1379
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends in intelligent manufacturing research: a keyword co-occurrence network based review. Journal of Intelligent Manufacturing, 2022, 33, 425-439.	4.4	22
2	Analysis of sentiment expressions for user-centered design. Expert Systems With Applications, 2021, 171, 114604.	4.4	20
3	Data science skills and domain knowledge requirements in the manufacturing industry: A gap analysis. Journal of Manufacturing Systems, 2021, 60, 692-706.	7.6	25
4	Adaptable automation with modular deep reinforcement learning and policy transfer. Engineering Applications of Artificial Intelligence, 2021, 103, 104296.	4.3	16
5	Leveraging Task Modularity in Reinforcement Learning for Adaptable Industry 4.0 Automation. Journal of Mechanical Design, Transactions of the ASME, 2021, 143, .	1.7	18
6	Enabling adaptable Industry 4.0 automation with a modular deep reinforcement learning framework. IFAC-PapersOnLine, 2021, 54, 546-551.	0.5	1
7	Eliciting Attribute-Level User Needs From Online Reviews With Deep Language Models and Information Extraction. Journal of Mechanical Design, Transactions of the ASME, 2021, 143, .	1.7	19
8	A neuro-inspired computational model for adaptive fault diagnosis. Expert Systems With Applications, 2020, 140, 112879.	4.4	12
9	Attribute-Aware Generative Design With Generative Adversarial Networks. IEEE Access, 2020, 8, 190710-190721.	2.6	20
10	Interoperability in Smart Manufacturing: Research Challenges. Machines, 2019, 7, 21.	1.2	94
11	Resilience of cyber-physical manufacturing control systems. Manufacturing Letters, 2019, 20, 40-44.	1.1	19
12	Design of Marketplaces for Smart Manufacturing Services. Procedia Manufacturing, 2019, 39, 194-201.	1.9	4
13	Collaborative service-component integration in cloud manufacturing. International Journal of Production Research, 2018, 56, 677-691.	4.9	65
14	Reference architectures for smart manufacturing: A critical review. Journal of Manufacturing Systems, 2018, 49, 215-225.	7.6	150
15	Best Matching Theory & Applications. Automation, Collaboration, and E-services, 2017, , .	0.5	8
16	The PRISM Taxonomy of Best Matching. Automation, Collaboration, and E-services, 2017, , 19-42.	0.5	0
17	Next-generation enterprise architectures: Common vernacular and evolution towards service-orientation. , 2017, , .		9
18	Dynamic and Distributed Matching. Automation, Collaboration, and E-services, 2017, , 125-165.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Extended Examples of Best Matching. Automation, Collaboration, and E-services, 2017, , 167-219.	0.5	0
20	Distributed Decision-Making and Best Matching. Automation, Collaboration, and E-services, 2017, , 63-79.	0.5	1
21	Mathematical Models of Best Matching. Automation, Collaboration, and E-services, 2017, , 43-62.	0.5	0
22	Introduction: Best Matching and Best Match. Automation, Collaboration, and E-services, 2017, , 1-17.	0.5	0
23	Cultural Differences in the Understanding of History on Wikipedia. Springer Proceedings in Complexity, 2016, , 3-12.	0.2	1
24	Parallelism of Pick-and-Place operations by multi-gripper robotic arms. Robotics and Computer-Integrated Manufacturing, 2016, 42, 135-146.	6.1	33
25	Design and administration of collaborative networked headquarters. International Journal of Production Research, 2016, 54, 7074-7090.	4.9	8
26	Real-time optimization and control mechanisms for collaborative demand and capacity sharing. International Journal of Production Economics, 2016, 171, 495-506.	5.1	19
27	Dynamic storage assignment with product affinity and ABC classificationâ€”a case study. International Journal of Advanced Manufacturing Technology, 2016, 84, 2179-2194.	1.5	66
28	An integrated algorithm for performance optimization of neurosurgical ICUs. Expert Systems With Applications, 2016, 43, 142-153.	4.4	12
29	Optimization of facility layout design with ambiguity by an efficient fuzzy multivariate approach. International Journal of Advanced Manufacturing Technology, 2016, 84, 565-579.	1.5	19
30	Collaborative Intelligence - Definition and Measured Impacts on Internetworked e-Work. Management and Production Engineering Review, 2015, 6, 67-78.	1.4	8
31	Balanceable assembly lines with dynamic tool sharing andÂ”best matching decisionsâ€”a collaborative assembly framework. IIE Transactions, 2015, 47, 1363-1378.	2.1	4
32	Fuzzy and stochastic mathematical programming for optimisation of cell formation problems in random and uncertain states. International Journal of Operational Research, 2015, 22, 129.	0.1	2
33	Revolutionizing Collaboration through e-Work, e-Business, and e-Service. Automation, Collaboration, and E-services, 2015, , .	0.5	52
34	Real-time administration of tool sharing and best matching to enhance assembly lines balanceability and flexibility. Mechatronics, 2015, 31, 147-157.	2.0	9
35	Manufacturing-as-a-Serviceâ€”From e-Work and Service-Oriented Architecture to the Cloud Manufacturing Paradigm. IFAC-PapersOnLine, 2015, 48, 828-833.	0.5	21
36	Best-matching with interdependent preferencesâ€”implications for capacitated cluster formation and evolution. Decision Support Systems, 2015, 79, 125-137.	3.5	10

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37	Combined demand and capacity sharing with best matching decisions in enterprise collaboration. International Journal of Production Economics, 2014, 148, 93-109.	5.1	47
38	Location optimization of wind power generation transmission systems under uncertainty using hierarchical fuzzy DEA: A case study. Renewable and Sustainable Energy Reviews, 2014, 30, 877-885.	8.2	60
39	Optimisation of complex and large-sized single-row facility layout problems with a unique hybrid meta-heuristic framework. International Journal of Operational Research, 2013, 16, 38.	0.1	7
40	Dynamic Tool Sharing with Best Matching Protocols for Efficient Assembly Line Balancing. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 426-431.	0.4	2
41	Multi-site integrated production-distribution planning with trans-shipment: a fuzzy goal programming approach. International Journal of Production Research, 2012, 50, 1726-1748.	4.9	52
42	A hybrid computer simulation-artificial neural network algorithm for optimisation of dispatching rule selection in stochastic job shop scheduling problems. International Journal of Production Research, 2012, 50, 551-566.	4.9	52
43	Integrating lateral transshipment to aggregate production-distribution planning considering time value of money and exchange rate. International Journal of Operational Research, 2012, 13, 439.	0.1	5
44	Balancing of mixed-model two-sided assembly lines with multiple U-shaped layout. International Journal of Advanced Manufacturing Technology, 2012, 59, 1191-1210.	1.5	54
45	A flexible neural network-fuzzy mathematical programming algorithm for improvement of oil price estimation and forecasting. Computers and Industrial Engineering, 2012, 62, 421-430.	3.4	91
46	A hybrid fuzzy regression-fuzzy cognitive map algorithm for forecasting and optimization of housing market fluctuations. Expert Systems With Applications, 2012, 39, 298-315.	4.4	39
47	A hybrid artificial neural network: computer simulation approach for scheduling a flow shop with multiple processors. International Journal of Industrial and Systems Engineering, 2011, 7, 66.	0.1	13
48	Integration of expert system and integer programming for optimisation of strategic planning. International Journal of Industrial and Systems Engineering, 2011, 7, 110.	0.1	3
49	An artificial neural network approach for improved demand estimation of a cool-disk manufacturer. International Journal of Industrial and Systems Engineering, 2011, 7, 357.	0.1	8
50	Integration of analytic hierarchy process and data envelopment analysis for assessment and optimization of personnel productivity in a large industrial bank. Expert Systems With Applications, 2011, 38, 5212-5225.	4.4	40
51	An integrated fuzzy simulation-fuzzy data envelopment analysis algorithm for job-shop layout optimization: The case of injection process with ambiguous data. European Journal of Operational Research, 2011, 214, 768-779.	3.5	49
52	A multi-objective genetic algorithm for scheduling optimisation of m job families on a single machine. International Journal of Industrial and Systems Engineering, 2010, 6, 417.	0.1	19
53	A flexible artificial neural network fuzzy simulation algorithm for scheduling a flow shop with multiple processors. International Journal of Advanced Manufacturing Technology, 2010, 50, 699-715.	1.5	20
54	A DEA approach for ranking and optimisation of technical and management efficiency of a large bank based on financial indicators. International Journal of Operational Research, 2010, 9, 160.	0.1	33

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55	Scheduling flow shops with multiple processors. , 2010, , .		0