

Gonen Singer

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

441
citations

840776

11
h-index

752698

20
g-index

31
all docs

31
docs citations

31
times ranked

355
citing authors

#	ARTICLE	IF	CITATIONS
1	Employees recruitment: A prescriptive analytics approach via machine learning and mathematical programming. <i>Decision Support Systems</i> , 2020, 134, 113290.	5.9	101
2	A framework for operator "Å workstation interaction in Industry 4.0. <i>International Journal of Production Research</i> , 2020, 58, 2421-2432.	7.5	51
3	Efficient Construction of Decision Trees by the Dual Information Distance Method. <i>Quality Technology and Quantitative Management</i> , 2014, 11, 133-147.	1.9	32
4	A weighted information-gain measure for ordinal classification trees. <i>Expert Systems With Applications</i> , 2020, 152, 113375.	7.6	26
5	Ordinal Decision-Tree-Based Ensemble Approaches: The Case of Controlling the Daily Local Growth Rate of the COVID-19 Epidemic. <i>Entropy</i> , 2020, 22, 871.	2.2	19
6	An Objective-Based Entropy Approach for Interpretable Decision Tree Models in Support of Human Resource Management: The Case of Absenteeism at Work. <i>Entropy</i> , 2020, 22, 821.	2.2	17
7	From product documentation to a "method prototype"™ and standard times: a new technique for complex manual assembly. <i>International Journal of Production Research</i> , 2014, 52, 507-520.	7.5	16
8	A smart process controller framework for Industry 4.0 settings. <i>Journal of Intelligent Manufacturing</i> , 2021, 32, 1975-1995.	7.3	15
9	The funnel experiment: The Markov-based SPC approach. <i>Quality and Reliability Engineering International</i> , 2007, 23, 899-913.	2.3	14
10	A human resources analytics and machine-learning examination of turnover: implications for theory and practice. <i>International Journal of Manpower</i> , 2022, 43, 1405-1424.	4.4	14
11	Workstation"Operator Interaction in 4.0 Era: WOI 4.0. <i>IFAC-PapersOnLine</i> , 2018, 51, 399-404.	0.9	12
12	Clustering Users by Their Mobility Behavioral Patterns. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2019, 13, 1-28.	3.5	12
13	Statistical process control via context modeling of finite-state processes: an application to production monitoring. <i>IIE Transactions</i> , 2004, 36, 401-415.	2.1	11
14	A framework for smart control using machine-learning modeling for processes with closed-loop control in Industry 4.0. <i>Engineering Applications of Artificial Intelligence</i> , 2021, 102, 104236.	8.1	11
15	Classification of severity of trachea stenosis from EEG signals using ordinal decision-tree based algorithms and ensemble-based ordinal and non-ordinal algorithms. <i>Expert Systems With Applications</i> , 2021, 173, 114707.	7.6	11
16	A finite-horizon, stochastic optimal control policy for a production"inventory system with backlog-dependent lost sales. <i>IIE Transactions</i> , 2010, 42, 855-864.	2.1	10
17	An optimal inventory management problem with reputation-dependent demand. <i>Annals of Operations Research</i> , 2015, 231, 305-316.	4.1	10
18	Evaluation of the effect of learning disabilities and accommodations on the prediction of the stability of academic behaviour of undergraduate engineering students using decision trees. <i>European Journal of Engineering Education</i> , 2020, 45, 614-630.	2.3	9

#	ARTICLE	IF	CITATIONS
19	Identification of subgroups of terror attacks with shared characteristics for the purpose of preventing mass-casualty attacks: a data-mining approach. <i>Crime Science</i> , 2019, 8, .	2.8	8
20	A production-inventory problem with price-sensitive demand. <i>Applied Mathematical Modelling</i> , 2021, 89, 688-699.	4.2	8
21	Modeling and Analysis of Studentsâ€™ Performance Trajectories using Diffusion Maps and Kernel Two-Sample Tests. <i>Engineering Applications of Artificial Intelligence</i> , 2019, 85, 492-503.	8.1	6
22	Integrating actual time usage into the assessment of examination time extensions provided to disabled college engineering students. <i>Assessment and Evaluation in Higher Education</i> , 2020, 45, 988-1000.	5.6	6
23	Nationality and risk attitude: Testing differences and similarities of investors' behavior in selected financial markets. <i>Global Finance Journal</i> , 2013, 24, 114-118.	5.1	5
24	Applying data mining algorithms to encourage mental health disclosure in the workplace. <i>International Journal of Business Information Systems</i> , 2021, 36, 553.	0.2	4
25	A flexible employee recruitment and compensation model: A bi-level optimization approach. <i>Computers and Industrial Engineering</i> , 2022, 165, 107916.	6.3	4
26	A decision tree-based method for ordinal classification problems. <i>IIE Transactions</i> , 0, , 1-15.	2.4	4
27	Applying Data Mining Algorithms to Encourage Mental Health Disclosure in the Workplace. <i>International Journal of Business Information Systems</i> , 2020, 1, 1.	0.2	2
28	A Stochastic Optimal Control Policy for A Manufacturing System on A Finite Time Horizon. , 2005, , 275-288.		1
29	A Human Resources Analytics Examination of Turnover: Implications for Theory and Practice. <i>Proceedings - Academy of Management</i> , 2021, 2021, 12152.	0.1	1
30	Automating the Transformation From a Prototype to a Method of Assembly. <i>Lecture Notes in Electrical Engineering</i> , 2013, , 99-106.	0.4	0