

Ali Azadeh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

352
papers

6,486
citations

41
h-index

63
g-index

379
ext. papers

7,364
ext. citations

3.5
avg. IF

6.37
L-index

#	Paper	IF	Citations
352	A New Stochastic Model for Bus Rapid Transit Scheduling with Uncertainty. <i>Future Transportation</i> , 2022 , 2, 165-184		0
351	Customer-Relationship Management: Performance Assessment and Improvement by an Intelligent Algorithm. <i>Performance Improvement Quarterly</i> , 2020 , 33, 119-152	0.8	2
350	Robust design of a sustainable and resilient bioethanol supply chain under operational and disruption risks. <i>Clean Technologies and Environmental Policy</i> , 2020 , 22, 119-151	4.3	12
349	A resource allocation model to choose the best portfolio of economic resilience plans: a possibilistic stochastic programming model. <i>European Journal of Industrial Engineering</i> , 2020 , 14, 301	1.1	1
348	Performance optimization of organizations considering economic resilience factors under uncertainty: A case study of a petrochemical plant. <i>Journal of Cleaner Production</i> , 2019 , 231, 1526-1541	10.3	9
347	Location optimization of municipal solid waste considering health, safety, environmental, and economic factors. <i>Journal of Environmental Planning and Management</i> , 2019 , 62, 1185-1204	2.8	7
346	Multi-objective open shop scheduling by considering human error and preventive maintenance. <i>Applied Mathematical Modelling</i> , 2019 , 67, 573-587	4.5	20
345	Scheduling elective patients based on sequence-dependent setup times in an open-heart surgical department using an optimization and simulation approach. <i>Simulation</i> , 2019 , 95, 1141-1164	1.2	11
344	An integrated approach for aircraft turbofan engine fault detection based on data mining techniques. <i>Expert Systems</i> , 2019 , 36, e12370	2.1	9
343	Mapping the influences of resilience engineering on health, safety, and environment and ergonomics management system by using Z-number cognitive map. <i>Human Factors and Ergonomics in Manufacturing</i> , 2019 , 29, 141-153	1.4	10
342	A novel multi-objective fuzzy model for optimization of oil sludge management by considering Health, Safety and Environment (HSE) and resiliency indicators in a gas refinery. <i>Journal of Cleaner Production</i> , 2019 , 206, 559-571	10.3	14
341	An intelligent framework for performance optimisation of integrated management system and resilience engineering in pharmaceutical plants. <i>Total Quality Management and Business Excellence</i> , 2019 , 30, 953-989	2.7	4
340	An efficient simulation neural network genetic algorithm for flexible flow shops with sequence-dependent setup times, job deterioration and learning effects. <i>Neural Computing and Applications</i> , 2019 , 31, 5327-5341	4.8	7
339	The close open mixed multi depot vehicle routing problem considering internal and external fleet of vehicles. <i>Transportation Letters</i> , 2019 , 11, 78-92	2.1	30
338	Health, Safety, Environment and Ergonomic Improvement in Energy Sector Using an Integrated Fuzzy Cognitive Map Bayesian Network Model. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 1346-1356	3.6	8
337	An intelligent algorithm for identification of optimum mix of demographic features for trust in medical centers in Iran. <i>Artificial Intelligence in Medicine</i> , 2018 , 88, 25-36	7.4	4
336	An intelligent algorithm for optimizing emergency department job and patient satisfaction. <i>International Journal of Health Care Quality Assurance</i> , 2018 , 31, 374-390	1.3	3

335	An intelligent algorithm for determination and optimization of productivity factors in upstream oil projects. <i>Journal of Petroleum Science and Engineering</i> , 2018 , 167, 375-395	4.4	2
334	Performance evaluation of rail transportation systems by considering resilience engineering factors: Tehran railway electrification system. <i>Transportation Letters</i> , 2018 , 10, 12-25	2.1	20
333	Performance optimization of unique resilient human resource management system in a coal mine industry. <i>International Journal of Systems Assurance Engineering and Management</i> , 2018 , 9, 1178-1197	1.3	7
332	Optimum alternatives of tandem G/G/K queues with disaster customers and retrial phenomenon: interactive voice response systems. <i>Telecommunication Systems</i> , 2018 , 68, 535-562	2.3	2
331	Performance optimization of an online retailer by a unique online resilience engineering algorithm. <i>Enterprise Information Systems</i> , 2018 , 12, 319-340	3.5	8
330	A Bayesian Network for Improving Organizational Regulations Effectiveness: Concurrent Modeling of Organizational Resilience Engineering and Macro-Ergonomics Indicators. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2018 , 285-295	0.4	0
329	An adaptive algorithm for performance assessment of construction project management with respect to resilience engineering and job security. <i>Journal of Project Management</i> , 2018 , 23-38	0.9	2
328	Hybrid Multiobjective Robust Possibilistic Programming Approach to a Sustainable Bioethanol Supply Chain Network Design. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 15066-15083	3.9	16
327	An integrated fuzzy algorithm approach to factory floor design incorporating environmental quality and health impact. <i>International Journal of Systems Assurance Engineering and Management</i> , 2017 , 8, 2071-2082	1.3	4
326	A single-machine scheduling problem with learning effect, deterioration and non-monotonic time-dependent processing times. <i>International Journal of Computer Integrated Manufacturing</i> , 2017 , 30, 292-304	4.3	9
325	A decision-making methodology for vendor selection problem with uncertain inputs. <i>Transportation Letters</i> , 2017 , 9, 123-140	2.1	9
324	A unique intelligent algorithm for optimization of human reliability and decision styles: a large petrochemical plant. <i>International Journal of Systems Assurance Engineering and Management</i> , 2017 , 8, 1161-1176	1.3	
323	Unique NSGA-II and MOPSO algorithms for improved dynamic cellular manufacturing systems considering human factors. <i>Applied Mathematical Modelling</i> , 2017 , 48, 655-672	4.5	28
322	A consensus-based AHP for improved assessment of resilience engineering in maintenance organizations. <i>Journal of Loss Prevention in the Process Industries</i> , 2017 , 47, 151-160	3.5	19
321	Dynamic maintenance planning approach by considering grouping strategy and human factors. <i>Chemical Engineering Research and Design</i> , 2017 , 107, 289-298	5.5	12
320	A unique optimization model for deterministic bundle pricing of two products with limited stock. <i>International Journal of Systems Assurance Engineering and Management</i> , 2017 , 8, 1154-1160	1.3	1
319	Dynamic safety risk modeling of process systems using bayesian network. <i>Process Safety Progress</i> , 2017 , 36, 399-407	1	27
318	An integrated approach for maintenance planning by considering human factors: Application to a petrochemical plant. <i>Chemical Engineering Research and Design</i> , 2017 , 109, 400-409	5.5	8

317	Optimum Integrated Design of Crude Oil Supply Chain by a Unique Mixed Integer Nonlinear Programming Model. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 5734-5746	3.9	16
316	Performance optimization of integrated resilience engineering and lean production principles. <i>Expert Systems With Applications</i> , 2017 , 84, 155-170	7.8	32
315	A novel benchmark methodology for estimating industrial electricity demand considering unsteady socio-economic conditions. <i>International Journal of Business Performance Management</i> , 2017 , 18, 196	0.7	4
314	Evolutionary multi-objective optimization of environmental indicators of integrated crude oil supply chain under uncertainty. <i>Journal of Cleaner Production</i> , 2017 , 152, 295-311	10.3	45
313	Optimum design approach based on integrated macro-ergonomics and resilience engineering in a tile and ceramic factory. <i>Safety Science</i> , 2017 , 96, 62-74	5.8	11
312	A genetic algorithm-Taguchi based approach to inventory routing problem of a single perishable product with transshipment. <i>Computers and Industrial Engineering</i> , 2017 , 104, 124-133	6.4	58
311	An Integrated Fuzzy Trust Prediction Approach in Product Design and Engineering. <i>International Journal of Fuzzy Systems</i> , 2017 , 19, 1190-1199	3.6	1
310	Combinatorial optimization of resilience engineering and organizational factors in a gas refinery by a unique mathematical programming approach. <i>Human Factors and Ergonomics in Manufacturing</i> , 2017 , 27, 53-65	1.4	18
309	Joint quality control and preventive maintenance strategy: a unique taguchi approach. <i>International Journal of Systems Assurance Engineering and Management</i> , 2017 , 8, 123-134	1.3	3
308	Human Factors Effects and Analysis in Maintenance: A Power Plant Case Study. <i>Quality and Reliability Engineering International</i> , 2017 , 33, 895-903	2.6	5
307	Integration of PCA and DEA for identifying and improving the impact of Six Sigma implementation on job characteristics in an automotive industry. <i>Quality Engineering</i> , 2017 , 29, 273-290	1.4	9
306	A unique fuzzy multivariate modeling approach for performance optimization of maintenance workshops with cognitive factors. <i>International Journal of Advanced Manufacturing Technology</i> , 2017 , 90, 499-525	3.2	6
305	Dynamic safety assessment of natural gas stations using Bayesian network. <i>Journal of Hazardous Materials</i> , 2017 , 321, 830-840	12.8	132
304	Simulation optimization of lean production strategy by considering resilience engineering in a production system with maintenance policies. <i>Simulation</i> , 2017 , 93, 49-68	1.2	10
303	Performance optimization of an aluminum factory in economic crisis by integrated resilience engineering and mathematical programming. <i>Safety Science</i> , 2017 , 91, 335-350	5.8	26
302	Optimization of supplier selection problem by combined customer trust and resilience engineering under uncertainty. <i>International Journal of Systems Assurance Engineering and Management</i> , 2017 , 8, 1553-1566	1.3	6
301	An integrated algorithm for performance optimization of neurosurgical ICUs. <i>Expert Systems With Applications</i> , 2016 , 43, 142-153	7.8	10
300	Optimization of facility layout design with ambiguity by an efficient fuzzy multivariate approach. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 84, 565-579	3.2	17

299	Intelligent customer complaint handling utilising principal component and data envelopment analysis (PDA). <i>Applied Soft Computing Journal</i> , 2016 , 47, 614-630	7.5	13
298	Feasibility study of improving fuzzy control charts for statistical process control in radiotherapy. <i>International Journal of Productivity and Quality Management</i> , 2016 , 17, 289	0.3	2
297	Simulation optimization of an emergency department by modeling human errors. <i>Simulation Modelling Practice and Theory</i> , 2016 , 67, 117-136	3.9	17
296	Performance assessment and optimisation of a large information system by combined customer relationship management and resilience engineering: a mathematical programming approach. <i>Enterprise Information Systems</i> , 2016 , 1-15	3.5	1
295	A resilience-based model for performance evaluation of information systems: the case of a gas company. <i>Enterprise Information Systems</i> , 2016 , 1-15	3.5	1
294	Optimization of supply chain based on macro ergonomics criteria: A case study in gas transmission unit. <i>Journal of Loss Prevention in the Process Industries</i> , 2016 , 43, 332-351	3.5	3
293	An intelligent framework for productivity assessment and analysis of human resource from resilience engineering, motivational factors, HSE and ergonomics perspectives. <i>Safety Science</i> , 2016 , 89, 55-71	5.8	35
292	Impact of integrated HSE management system on power generation in Iran by a unique mathematical programming approach. <i>World Journal of Engineering</i> , 2016 , 13, 82-90	1.8	4
291	The Impact of Redundancy and Teamwork on Resilience Engineering Factors by Fuzzy Mathematical Programming and Analysis of Variance in a Large Petrochemical Plant. <i>Safety and Health at Work</i> , 2016 , 7, 307-316	4	7
290	A unique mathematical model for maintenance strategies to improve energy flows of the electrical power sector. <i>Energy Exploration and Exploitation</i> , 2016 , 34, 19-41	2.1	1
289	An Integrated Multi-Criteria Computer Simulation-AHP-TOPSIS Approach for Optimum Maintenance Planning by Incorporating Operator Error and Learning Effects. <i>Intelligent Industrial Systems</i> , 2016 , 2, 35-53		4
288	Optimization of healthcare supply chain in context of macro-ergonomics factors by a unique mathematical programming approach. <i>Applied Ergonomics</i> , 2016 , 55, 46-55	4.2	16
287	An integrated approach for configuration optimization in a CBM system by considering fatigue effects. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 86, 1881-1893	3.2	3
286	A unique fuzzy multi-control approach for continuous quality improvement in a radio therapy department. <i>Quality and Quantity</i> , 2016 , 50, 2469-2493	2.4	4
285	An integrated fuzzy analytic hierarchy process and fuzzy multiple-criteria decision-making simulation approach for maintenance policy selection. <i>Simulation</i> , 2016 , 92, 3-18	1.2	32
284	Improved prediction of household expenditure by living standard measures via a unique neural network: the case of Iran. <i>International Journal of Productivity and Quality Management</i> , 2016 , 17, 142	0.3	3
283	Supplier selection in closed loop supply chain by an integrated simulation-Taguchi-DEA approach. <i>Journal of Enterprise Information Management</i> , 2016 , 29, 302-326	4.4	31
282	Biodiesel supply chain optimization via a hybrid system dynamics-mathematical programming approach. <i>Renewable Energy</i> , 2016 , 93, 383-403	8.1	46

281	Solving and optimizing a bi-objective open shop scheduling problem by a modified genetic algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 85, 1603-1613	3.2	13
280	A novel framework for improvement of road accidents considering decision-making styles of drivers in a large metropolitan area. <i>Accident Analysis and Prevention</i> , 2016 , 87, 17-33	6.1	20
279	Integrated Simulation Modeling of Business, Maintenance and Production Systems for Concurrent Improvement of Lead Time, Cost and Production Rate. <i>Industrial Engineering and Management Systems</i> , 2016 , 15, 403-431	2.5	
278	Human factors in maintenance: a review. <i>Journal of Quality in Maintenance Engineering</i> , 2016 , 22, 218-237	7.1	31
277	A unique adaptive neuro fuzzy inference system for optimum decision making process in a natural gas transmission unit. <i>Journal of Natural Gas Science and Engineering</i> , 2016 , 34, 472-485	4.6	12
276	The impact of redundancy on resilience engineering in a petrochemical plant by data envelopment analysis. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2016 , 230, 285-296	0.8	7
275	A novel performance measurement approach based on trust context using fuzzy T-norm and S-norm operators: The case study of energy consumption. <i>Energy Exploration and Exploitation</i> , 2016 , 34, 561-585	2.1	1
274	Designing a cellular manufacturing system considering decision style, skill and job security by NSGA-II and response surface methodology. <i>International Journal of Production Research</i> , 2016 , 54, 6825-6847	7.8	8
273	Z-number DEA: A new possibilistic DEA in the context of Z-numbers. <i>Advanced Engineering Informatics</i> , 2016 , 30, 604-617	7.4	56
272	Maintenance Scheduling Optimization in a Multiple Production Line Considering Human Error. <i>Human Factors and Ergonomics in Manufacturing</i> , 2016 , 26, 655-666	1.4	8
271	A unique meta-heuristic algorithm for optimization of electricity consumption in energy-intensive industries with stochastic inputs. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 78, 1691-1703	3.2	2
270	Solving a multi-objective open shop problem for multi-processors under preventive maintenance. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 78, 707-722	3.2	6
269	Performance evaluation of Iranian electricity distribution units by using stochastic data envelopment analysis. <i>International Journal of Electrical Power and Energy Systems</i> , 2015 , 73, 919-931	5.1	23
268	A unique algorithm for the assessment and improvement of job satisfaction by resilience engineering: Hazardous labs. <i>International Journal of Industrial Ergonomics</i> , 2015 , 49, 68-77	2.9	18
267	A multi-objective fuzzy linear programming model for optimization of natural gas supply chain through a greenhouse gas reduction approach. <i>Journal of Natural Gas Science and Engineering</i> , 2015 , 26, 702-710	4.6	44
266	A hybrid computer simulation-adaptive neuro-fuzzy inference system algorithm for optimization of dispatching rule selection in job shop scheduling problems under uncertainty. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 79, 135-145	3.2	7
265	Condition-based maintenance effectiveness for series-parallel power generation system: A combined Markovian simulation model. <i>Reliability Engineering and System Safety</i> , 2015 , 142, 357-368	6.3	36
264	Leanness assessment and optimization by fuzzy cognitive map and multivariate analysis. <i>Expert Systems With Applications</i> , 2015 , 42, 6050-6064	7.8	60

263	A neuro-fuzzy algorithm for improved gas consumption forecasting with economic, environmental and IT/IS indicators. <i>Journal of Petroleum Science and Engineering</i> , 2015 , 133, 716-739	4.4	12
262	Identification of managerial shaping factors in a petrochemical plant by resilience engineering and data envelopment analysis. <i>Journal of Loss Prevention in the Process Industries</i> , 2015 , 36, 158-166	3.5	14
261	Simulation optimization of complex tandem queue systems with renegeing and server breakdowns considering budget constraints. <i>Simulation</i> , 2015 , 91, 925-941	1.2	3
260	Selecting optimum maintenance activity plans by a unique simulation-multivariate approach. <i>International Journal of Computer Integrated Manufacturing</i> , 2015 , 1-15	4.3	2
259	Selection of optimum maintenance policy using an integrated multi-criteria Taguchi modeling approach by considering resilience engineering. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 84, 1067	3.2	2
258	Semi-online patient scheduling in pathology laboratories. <i>Artificial Intelligence in Medicine</i> , 2015 , 64, 217-26	7.4	28
257	An integrated experiment for identification of best decision styles and teamworks with respect to HSE and ergonomics program: The case of a large oil refinery. <i>Accident Analysis and Prevention</i> , 2015 , 85, 30-44	6.1	12
256	A multi-objective optimization problem for multi-state series-parallel systems: A two-stage flow-shop manufacturing system. <i>Reliability Engineering and System Safety</i> , 2015 , 136, 62-74	6.3	25
255	An emotional learning-neuro-fuzzy inference approach for optimum training and forecasting of gas consumption estimation models with cognitive data. <i>Technological Forecasting and Social Change</i> , 2015 , 91, 47-63	9.5	20
254	A simulation optimization approach for flow-shop scheduling problem: a canned fruit industry. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 77, 751-761	3.2	5
253	Optimization of operator allocation in a large multi product assembly shop through unique integration of simulation and genetic algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 76, 471-486	3.2	5
252	Improved design of CMS by considering operators decision-making styles. <i>International Journal of Production Research</i> , 2015 , 53, 3276-3287	7.8	28
251	A particle swarm algorithm for optimising inspection policies in serial multistage production processes with uncertain inspection costs. <i>International Journal of Computer Integrated Manufacturing</i> , 2015 , 28, 766-780	4.3	15
250	Performance optimization of gas refineries by ANN and DEA based on financial and operational factors. <i>World Journal of Engineering</i> , 2015 , 12, 109-134	1.8	1
249	Assessing the impact of the information technology on organisational systems: a power holding company. <i>International Journal of Business Information Systems</i> , 2015 , 19, 433	0.6	4
248	Modelling JIT supply chains by simulation and hybrid genetic variable neighbourhood search algorithm. <i>International Journal of Logistics Systems and Management</i> , 2015 , 22, 296	0.7	
247	Estimating household electricity consumption by environmental consciousness. <i>International Journal of Productivity and Quality Management</i> , 2015 , 15, 1	0.3	2
246	Simulation optimisation of total cost in M/G/C retrial queuing systems with geometric loss, feedback and linear retrial policy. <i>International Journal of Services and Operations Management</i> , 2015 , 20, 320	0.4	3

245	A unique neuro-fuzzy approach for improved prediction of tire reliability analysis with noisy life data 2015 , 38, 503-516		2
244	A trust-based performance measurement modeling using t-norm and t-conorm operators. <i>Applied Soft Computing Journal</i> , 2015 , 30, 491-500	7.5	5
243	An integrated support vector regressionImperialist competitive algorithm for reliability estimation of a shearing machine. <i>International Journal of Computer Integrated Manufacturing</i> , 2015 , 1-9	4.3	7
242	An integrated FTA-DFMEA approach for reliability analysis and product configuration considering warranty cost. <i>Production Engineering</i> , 2015 , 9, 635-646	1.9	12
241	Optimisation of multi-stage supply chain systems by integrated simulation-variable neighbourhood search algorithm. <i>International Journal of Services and Operations Management</i> , 2015 , 21, 1	0.4	2
240	Fuzzy and stochastic mathematical programming for optimisation of cell formation problems in random and uncertain states. <i>International Journal of Operational Research</i> , 2015 , 22, 129	0.9	2
239	A unique support vector regression for improved modelling and forecasting of short-term gasoline consumption in railway systems. <i>International Journal of Services and Operations Management</i> , 2015 , 21, 217	0.4	2
238	A flexible ANN-GA-multivariate algorithm for assessment and optimization of machinery productivity in complex production units. <i>Journal of Manufacturing Systems</i> , 2015 , 35, 46-75	9.1	15
237	Optimisation of facility layout design problem with safety and environmental factors by stochastic DEA and simulation approach. <i>International Journal of Production Research</i> , 2015 , 53, 3370-3389	7.8	21
236	An Efficient Taguchi Approach for the Performance Optimization of Health, Safety, Environment and Ergonomics in Generation Companies. <i>Safety and Health at Work</i> , 2015 , 6, 77-84	4	10
235	A neuro-fuzzy algorithm for assessment of health, safety, environment and ergonomics in a large petrochemical plant. <i>Journal of Loss Prevention in the Process Industries</i> , 2015 , 34, 100-114	3.5	14
234	Design of integrated information system and supply chain for selection of new facility and suppliers by a unique hybrid meta-heuristic computer simulation algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2014 , 71, 775-793	3.2	5
233	A novel algorithm for layout optimization of injection process with random demands and sequence dependent setup times. <i>Journal of Manufacturing Systems</i> , 2014 , 33, 287-302	9.1	14
232	Assessment of resilience engineering factors in high-risk environments by fuzzy cognitive maps: A petrochemical plant. <i>Safety Science</i> , 2014 , 68, 99-107	5.8	77
231	Modeling and optimizing efficiency gap between managers and operators in integrated resilient systems: The case of a petrochemical plant. <i>Chemical Engineering Research and Design</i> , 2014 , 92, 766-778	5.5	24
230	An integrated systemic model for optimization of condition-based maintenance with human error. <i>Reliability Engineering and System Safety</i> , 2014 , 124, 117-131	6.3	50
229	Artificial immune simulation for improved forecasting of electricity consumption with random variations. <i>International Journal of Electrical Power and Energy Systems</i> , 2014 , 55, 205-224	5.1	19
228	Location optimization of wind power generationTransmission systems under uncertainty using hierarchical fuzzy DEA: A case study. <i>Renewable and Sustainable Energy Reviews</i> , 2014 , 30, 877-885	16.2	44

227	Modelling and improvement of supply chain with imprecise transportation delays and resilience factors. <i>International Journal of Logistics Research and Applications</i> , 2014 , 17, 269-282	3.8	39
226	Trust prediction using Z-numbers and Artificial Neural Networks 2014 ,		5
225	An integrated simulation-analysis of variance methodology for effective analysis of CBM alternatives. <i>International Journal of Computer Integrated Manufacturing</i> , 2014 , 27, 624-637	4.3	13
224	Optimization of HSE in maintenance activities by integration of continuous improvement cycle and fuzzy multivariate approach: A gas refinery. <i>Journal of Loss Prevention in the Process Industries</i> , 2014 , 32, 415-427	3.5	14
223	An integrated fuzzy simulation fuzzy data envelopment analysis approach for optimum maintenance planning. <i>International Journal of Computer Integrated Manufacturing</i> , 2014 , 27, 181-199	4.3	25
222	The impact of job security, satisfaction and stress on performance assessment and optimization of generation companies. <i>Journal of Loss Prevention in the Process Industries</i> , 2014 , 32, 343-348	3.5	12
221	An integrated fuzzy mathematical programming-analysis of variance approach for forecasting gasoline consumption with ambiguous inputs: USA, Canada, Japan, Iran and Kuwait. <i>International Journal of Industrial and Systems Engineering</i> , 2014 , 18, 159	0.4	4
220	Scheduling prioritized patients in emergency department laboratories. <i>Computer Methods and Programs in Biomedicine</i> , 2014 , 117, 61-70	6.9	30
219	A stochastic programming approach towards optimization of biofuel supply chain. <i>Energy</i> , 2014 , 76, 513-525	7.9	73
218	An adaptive algorithm for assessment of operators with job security and HSEE indicators. <i>Journal of Loss Prevention in the Process Industries</i> , 2014 , 31, 26-40	3.5	8
217	Continuous performance assessment and improvement of integrated HSE and maintenance systems by multivariate analysis in gas transmission units. <i>Journal of Loss Prevention in the Process Industries</i> , 2014 , 27, 32-41	3.5	7
216	A unique intelligent approach for forecasting project completion time in oil refineries. <i>Journal of Loss Prevention in the Process Industries</i> , 2014 , 30, 137-154	3.5	3
215	Optimization of Short Load Forecasting in Electricity Market of Iran Using Artificial Neural Networks. <i>Optimization and Engineering</i> , 2014 , 15, 485-508	2.1	13
214	Performance evaluation of integrated resilience engineering factors by data envelopment analysis: The case of a petrochemical plant. <i>Chemical Engineering Research and Design</i> , 2014 , 92, 231-241	5.5	68
213	Assessing the impact of information technology in a power sector by fuzzy analysis of variance. <i>International Journal of Business Information Systems</i> , 2014 , 17, 129	0.6	3
212	Optimisation of net profit with uncertain inputs in manufacturing environments by integration of neural networks, genetic algorithm and fuzzy regression. <i>International Journal of Industrial and Systems Engineering</i> , 2014 , 16, 88	0.4	3
211	Improvement of action selection in robots based on learning fuzzy cognitive map and analysis of variance: the case of soccer server simulation environment. <i>International Journal of Industrial and Systems Engineering</i> , 2014 , 16, 184	0.4	
210	An integrated fuzzy group decision making approach for evaluation and selection of best simulation software packages. <i>International Journal of Industrial and Systems Engineering</i> , 2014 , 18, 256	0.4	6

209	Integration of genetic algorithm, analytic hierarchy process and computer simulation for optimisation of operator allocation in manufacturing systems with weighted variables. <i>International Journal of Logistics Systems and Management</i> , 2014 , 17, 318	0.7	8
208	A neuro-fuzzy regression approach for estimation and optimisation of gasoline consumption. <i>International Journal of Services and Operations Management</i> , 2014 , 17, 221	0.4	6
207	Performance optimisation of mammography clinics with non-crisp inputs by an integrated fuzzy simulation approach. <i>International Journal of Services and Operations Management</i> , 2014 , 19, 514	0.4	3
206	A greedy randomised adaptive search procedure - genetic algorithm for electricity consumption estimation and optimisation in agriculture sector with random variation. <i>International Journal of Industrial and Systems Engineering</i> , 2014 , 17, 285	0.4	2
205	Integration of Monte Carlo simulation and chi-square automatic interaction detector algorithm for modelling and estimation of conventional power plant construction volumes. <i>International Journal of Services and Operations Management</i> , 2014 , 19, 83	0.4	
204	A Flexible Neuro-Fuzzy Approach for Improvement of Seasonal Housing Price Estimation in Uncertain and Non-Linear Environments. <i>South African Journal of Economics</i> , 2014 , 82, 567-582	0.7	13
203	Trust-based performance measurement using fuzzy operators 2014 ,		1
202	Open shop scheduling with stochastic release dates and processing times. <i>International Journal of Logistics Systems and Management</i> , 2014 , 18, 159	0.7	
201	An economically-oriented neural network approach for optimum estimation of cellular phone subscriptions in noisy and nonlinear markets 2014 , 37, 529-539		
200	Deterministic bundle pricing of two products with limited stock 2014 ,		1
199	Fuzzy simulation approach to multi-task scheduling in uncertain distributed server systems. <i>International Journal of Production Research</i> , 2014 , 52, 5705-5713	7.8	2
198	An Integrated Artificial Neural Network and System Dynamics Approach in Support of the Viable System Model to Enhance Industrial Intelligence: The Case of a Large Broiler Industry. <i>Systems Research and Behavioral Science</i> , 2014 , 31, 236-257	1.8	9
197	An efficient computer simulation based approach for optimization of complex polling systems with general arrival distributions. <i>Simulation</i> , 2014 , 90, 1346-1359	1.2	1
196	Forecasting and optimization of service level in vague and complex SCM by a flexible neural network fuzzy mathematical programming approach. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 68, 1453-1470	3.2	2
195	A neural network meta-model for identification of optimal combination of priority dispatching rules and makespan in a deterministic job shop scheduling problem. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 67, 1549-1561	3.2	10
194	An integrated decision support system for performance assessment and optimization of decision-making units. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 66, 1031-1045	3.2	12
193	Optimization of steel demand forecasting with complex and uncertain economic inputs by an integrated neural network fuzzy mathematical programming approach. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 65, 833-841	3.2	5
192	An integrated fuzzy mathematical model and principal component analysis algorithm for forecasting uncertain trends of electricity consumption. <i>Quality and Quantity</i> , 2013 , 47, 2163-2176	2.4	1

191	An integrated fuzzy DEA-fuzzy simulation approach for optimization of operator allocation with learning effects in multi products CMS. <i>Applied Mathematical Modelling</i> , 2013 , 37, 9922-9933	4.5	21
190	Optimum estimation and forecasting of renewable energy consumption by artificial neural networks. <i>Renewable and Sustainable Energy Reviews</i> , 2013 , 27, 605-612	16.2	74
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