

Adil Baykasoglu

List of Publications by Year in descending order

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195
papers

7,504
citations

44042

48
h-index

71651

76
g-index

200
all docs

200
docs citations

200
times ranked

5462
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of compressive and tensile strength of limestone via genetic programming. Expert Systems With Applications, 2008, 35, 111-123.	4.4	271
2	An analysis of DEMATEL approaches for criteria interaction handling within ANP. Expert Systems With Applications, 2016, 46, 346-366.	4.4	248
3	Integrating fuzzy DEMATEL and fuzzy hierarchical TOPSIS methods for truck selection. Expert Systems With Applications, 2013, 40, 899-907.	4.4	219
4	Industrial applications of type-2 fuzzy sets and systems: A concise review. Computers in Industry, 2011, 62, 125-137.	5.7	204
5	Adaptive firefly algorithm with chaos for mechanical design optimization problems. Applied Soft Computing Journal, 2015, 36, 152-164.	4.1	192
6	A simulated annealing algorithm for dynamic layout problem. Computers and Operations Research, 2001, 28, 1403-1426.	2.4	153
7	Bees algorithm for generalized assignment problem. Applied Mathematics and Computation, 2010, 215, 3782-3795.	1.4	152
8	Development of an interval type-2 fuzzy sets based hierarchical MADM model by combining DEMATEL and TOPSIS. Expert Systems With Applications, 2017, 70, 37-51.	4.4	137
9	Multi-rule Multi-objective Simulated Annealing Algorithm for Straight and U Type Assembly Line Balancing Problems. Journal of Intelligent Manufacturing, 2006, 17, 217-232.	4.4	130
10	Testing the performance of teaching-learning based optimization (TLBO) algorithm on combinatorial problems: Flow shop and job shop scheduling cases. Information Sciences, 2014, 276, 204-218.	4.0	130
11	PROJECT TEAM SELECTION USING FUZZY OPTIMIZATION APPROACH. Cybernetics and Systems, 2007, 38, 155-185.	1.6	129
12	Prediction of cement strength using soft computing techniques. Cement and Concrete Research, 2004, 34, 2083-2090.	4.6	127
13	Two-sided assembly line balancing using an ant-colony-based heuristic. International Journal of Advanced Manufacturing Technology, 2008, 36, 582-588.	1.5	120
14	Designing an environmentally conscious tire closed-loop supply chain network with multiple recovery options using interactive fuzzy goal programming. Applied Mathematical Modelling, 2015, 39, 2661-2702.	2.2	118
15	Dynamic optimization of multipass milling operations via geometric programming. International Journal of Machine Tools and Manufacture, 1999, 39, 297-320.	6.2	116
16	A multi-agent based approach to dynamic scheduling of machines and automated guided vehicles in manufacturing systems. Applied Soft Computing Journal, 2012, 12, 1720-1732.	4.1	111
17	An ant colony algorithm for solving budget constrained and unconstrained dynamic facility layout problems. Omega, 2006, 34, 385-396.	3.6	110
18	An improved firefly algorithm for solving dynamic multidimensional knapsack problems. Expert Systems With Applications, 2014, 41, 3712-3725.	4.4	109

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19	Development of a novel multiple-attribute decision making model via fuzzy cognitive maps and hierarchical fuzzy TOPSIS. <i>Information Sciences</i> , 2015, 301, 75-98.	4.0	106
20	Investigating mix proportions of high strength self compacting concrete by using Taguchi method. <i>Construction and Building Materials</i> , 2009, 23, 694-702.	3.2	105
21	Hybridizing ant colony optimization via genetic algorithm for mixed-model assembly line balancing problem with sequence dependent setup times between tasks. <i>Applied Soft Computing Journal</i> , 2013, 13, 574-589.	4.1	105
22	Prediction and multi-objective optimization of high-strength concrete parameters via soft computing approaches. <i>Expert Systems With Applications</i> , 2009, 36, 6145-6155.	4.4	104
23	Application of activity-based costing to a land transportation company: A case study. <i>International Journal of Production Economics</i> , 2008, 116, 308-324.	5.1	100
24	Training neural networks with harmony search algorithms for classification problems. <i>Engineering Applications of Artificial Intelligence</i> , 2012, 25, 11-19.	4.3	97
25	Prediction of compressive and tensile strength of Gaziantep basalts via neural networks and gene expression programming. <i>Neural Computing and Applications</i> , 2009, 18, 1031-1041.	3.2	89
26	A TABOO SEARCH BASED APPROACH TO FIND THE PARETO OPTIMAL SET IN MULTIPLE OBJECTIVE OPTIMIZATION. <i>Engineering Optimization</i> , 1999, 31, 731-748.	1.5	88
27	Multi-objective crashworthiness optimization of lattice structure filled thin-walled tubes. <i>Thin-Walled Structures</i> , 2020, 149, 106630.	2.7	79
28	A case-oriented approach to a lead/acid battery closed-loop supply chain network design under risk and uncertainty. <i>Journal of Manufacturing Systems</i> , 2015, 37, 340-361.	7.6	76
29	Design optimization with chaos embedded great deluge algorithm. <i>Applied Soft Computing Journal</i> , 2012, 12, 1055-1067.	4.1	74
30	Weighted Superposition Attraction (WSA): A swarm intelligence algorithm for optimization problems â€œ Part 2: Constrained optimization. <i>Applied Soft Computing Journal</i> , 2015, 37, 396-415.	4.1	73
31	Weighted Superposition Attraction (WSA): A swarm intelligence algorithm for optimization problems â€œ Part 1: Unconstrained optimization. <i>Applied Soft Computing Journal</i> , 2017, 56, 520-540.	4.1	70
32	A multi-objective sustainable load planning model for intermodal transportation networks with a real-life application. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016, 95, 207-247.	3.7	69
33	MOAPPS 1.0: Aggregate production planning using the multiple-objective tabu search. <i>International Journal of Production Research</i> , 2001, 39, 3685-3702.	4.9	67
34	Linguistic-based meta-heuristic optimization model for flexible job shop scheduling. <i>International Journal of Production Research</i> , 2002, 40, 4523-4543.	4.9	66
35	Optimizing cutting parameters in process planning of prismatic parts by using genetic algorithms. <i>International Journal of Production Research</i> , 2001, 39, 3303-3328.	4.9	65
36	A survey on the methods and tools of concurrent new product development and agile manufacturing. <i>Journal of Intelligent Manufacturing</i> , 2004, 15, 731-751.	4.4	63

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37	Stochastic U-line balancing using genetic algorithms. International Journal of Advanced Manufacturing Technology, 2007, 32, 139-147.	1.5	63
38	New approaches to due date assignment in job shops. European Journal of Operational Research, 2008, 187, 31-45.	3.5	63
39	Multi-objective aggregate production planning with fuzzy parameters. Advances in Engineering Software, 2010, 41, 1124-1131.	1.8	60
40	Modeling and solving mixed-model assembly line balancing problem with setups. Part I: A mixed integer linear programming model. Journal of Manufacturing Systems, 2014, 33, 177-187.	7.6	60
41	A fuzzy goal programming model to strategic planning problem of a lead/acid battery closed-loop supply chain. Journal of Manufacturing Systems, 2015, 37, 243-264.	7.6	60
42	Capability-based distributed layout approach for virtual manufacturing cells. International Journal of Production Research, 2003, 41, 2597-2618.	4.9	55
43	Using multiple objective tabu search and grammars to model and solve multi-objective flexible job shop scheduling problems. Journal of Intelligent Manufacturing, 2004, 15, 777-785.	4.4	55
44	Greedy randomized adaptive search for dynamic flexible job-shop scheduling. Journal of Manufacturing Systems, 2020, 56, 425-451.	7.6	54
45	MOCACEF 1.0: Multiple objective capability based approach to form part-machine groups for cellular manufacturing applications. International Journal of Production Research, 2000, 38, 1133-1161.	4.9	52
46	A multi-agent based approach to dynamic scheduling with flexible processing capabilities. Journal of Intelligent Manufacturing, 2017, 28, 1827-1845.	4.4	52
47	A swarm intelligence-based algorithm for the set-union knapsack problem. Future Generation Computer Systems, 2019, 93, 560-569.	4.9	51
48	Quantum firefly swarms for multimodal dynamic optimization problems. Expert Systems With Applications, 2019, 115, 189-199.	4.4	50
49	A soft computing-based approach for integrated training and rule extraction from artificial neural networks: DIFACONN-miner. Applied Soft Computing Journal, 2010, 10, 304-317.	4.1	45
50	Modeling and solving constrained two-sided assembly line balancing problem via bee algorithms. Applied Soft Computing Journal, 2012, 12, 3343-3355.	4.1	45
51	ErgoALWABP: a multiple-rule based constructive randomized search algorithm for solving assembly line worker assignment and balancing problem under ergonomic risk factors. Journal of Intelligent Manufacturing, 2019, 30, 291-302.	4.4	45
52	Training Fuzzy Cognitive Maps via Extended Great Deluge Algorithm with applications. Computers in Industry, 2011, 62, 187-195.	5.7	44
53	Multiple-colony ant algorithm for parallel assembly line balancing problem. Applied Soft Computing Journal, 2011, 11, 3186-3198.	4.1	44
54	A new dynamic programming formulation of $(n \times m)$ flowshop sequencing problems with due dates. International Journal of Production Research, 1998, 36, 2269-2283.	4.9	43

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55	A review and analysis of "graph theoretical-matrix permanent" approach to decision making with example applications. <i>Artificial Intelligence Review</i> , 2014, 42, 573-605.	9.7	43
56	Modeling and solving assembly line design problems by considering human factors with a real-life application. <i>Human Factors and Ergonomics in Manufacturing</i> , 2017, 27, 96-115.	1.4	42
57	Bee algorithms for parallel two-sided assembly line balancing problem with walking times. <i>Applied Soft Computing Journal</i> , 2016, 39, 275-291.	4.1	41
58	Modeling and solving mixed-model assembly line balancing problem with setups. Part II: A multiple colony hybrid bees algorithm. <i>Journal of Manufacturing Systems</i> , 2014, 33, 445-461.	7.6	40
59	A review of fleet planning problems in single and multimodal transportation systems. <i>Transportmetrica A: Transport Science</i> , 2019, 15, 631-697.	1.3	40
60	An integrated framework for reconfiguration of cellular manufacturing systems using virtual cells. <i>Production Planning and Control</i> , 2002, 13, 381-393.	5.8	38
61	MEPAR-miner: Multi-expression programming for classification rule mining. <i>European Journal of Operational Research</i> , 2007, 183, 767-784.	3.5	37
62	Solution of goal programming models using a basic taboo search algorithm. <i>Journal of the Operational Research Society</i> , 1999, 50, 960-973.	2.1	36
63	Solving comprehensive dynamic job shop scheduling problem by using a GRASP-based approach. <i>International Journal of Production Research</i> , 2017, 55, 3308-3325.	4.9	36
64	A grammatical optimization approach for integrated process planning and scheduling. <i>Journal of Intelligent Manufacturing</i> , 2009, 20, 211-221.	4.4	35
65	Quantifying machine flexibility. <i>International Journal of Production Research</i> , 2009, 47, 4109-4123.	4.9	35
66	A multi-agent approach to load consolidation in transportation. <i>Advances in Engineering Software</i> , 2011, 42, 477-490.	1.8	35
67	A cost-sensitive classification algorithm: BEE-Miner. <i>Knowledge-Based Systems</i> , 2016, 95, 99-113.	4.0	35
68	A new fuzzy linear assignment method for multi-attribute decision making with an application to spare parts inventory classification. <i>Applied Soft Computing Journal</i> , 2016, 42, 1-17.	4.1	35
69	Development of a two-phase structural model for evaluating ERP critical success factors along with a case study. <i>Computers and Industrial Engineering</i> , 2017, 106, 256-274.	3.4	35
70	Capability based formulation and solution of multiple objective cell formation problems using simulated annealing. <i>Journal of Manufacturing Technology Management</i> , 2001, 12, 258-274.	0.5	34
71	Analysing the effect of flexibility on manufacturing systems performance. <i>Journal of Manufacturing Technology Management</i> , 2008, 19, 172-193.	3.3	34
72	An analysis of fully fuzzy linear programming with fuzzy decision variables through logistics network design problem. <i>Knowledge-Based Systems</i> , 2015, 90, 165-184.	4.0	34

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73	Dynamic scheduling of parallel heat treatment furnaces: A case study at a manufacturing system. <i>Journal of Manufacturing Systems</i> , 2018, 46, 152-162.	7.6	34
74	Bees Algorithm for constrained fuzzy multi-objective two-sided assembly line balancing problem. <i>Optimization Letters</i> , 2012, 6, 1039-1049.	0.9	33
75	Goal programming using multiple objective tabu search. <i>Journal of the Operational Research Society</i> , 2001, 52, 1359-1369.	2.1	32
76	Fuzzy DIFACONN-miner: A novel approach for fuzzy rule extraction from neural networks. <i>Expert Systems With Applications</i> , 2013, 40, 938-946.	4.4	32
77	Multiple objective crashworthiness optimization of circular tubes with functionally graded thickness via artificial neural networks and genetic algorithms. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2017, 231, 2005-2016.	1.1	32
78	Evolutionary and population-based methods versus constructive search strategies in dynamic combinatorial optimization. <i>Information Sciences</i> , 2017, 420, 159-183.	4.0	32
79	Preemptive goal programming using simulated annealing. <i>Engineering Optimization</i> , 2005, 37, 49-63.	1.5	31
80	Fuzzy quality-team formation for value added auditing: A case study. <i>Journal of Engineering and Technology Management - JET-M</i> , 2007, 24, 366-394.	1.4	30
81	Self-adaptive global best harmony search algorithm for training neural networks. <i>Procedia Computer Science</i> , 2011, 3, 282-286.	1.2	30
82	A GRASP based solution approach to solve cardinality constrained portfolio optimization problems. <i>Computers and Industrial Engineering</i> , 2015, 90, 339-351.	3.4	30
83	Integration of Internet and web-based tools in new product development process. <i>Production Planning and Control</i> , 2007, 18, 44-53.	5.8	29
84	TACO-miner: An ant colony based algorithm for rule extraction from trained neural networks. <i>Expert Systems With Applications</i> , 2009, 36, 12295-12305.	4.4	29
85	Analyzing the effect of dispatching rules on the scheduling performance through grammar based flexible scheduling system. <i>International Journal of Production Economics</i> , 2010, 124, 369-381.	5.1	29
86	Constrained fuzzy arithmetic approach to fuzzy transportation problems with fuzzy decision variables. <i>Expert Systems With Applications</i> , 2017, 81, 193-222.	4.4	28
87	Minimizing tool switching and indexing times with tool duplications in automatic machines. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 89, 1775-1789.	1.5	28
88	Comprehensive fuzzy FMEA model: a case study of ERP implementation risks. <i>Operational Research</i> , 2020, 20, 795-826.	1.3	28
89	A comparative study on crashworthiness of thin-walled tubes with functionally graded thickness under oblique impact loadings. <i>International Journal of Crashworthiness</i> , 2019, 24, 453-471.	1.1	27
90	OPPS-ROT: An optimised process planning system for rotational parts. <i>Computers in Industry</i> , 1996, 32, 181-195.	5.7	26

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91	Application of cost/benefit analysis for surgical gown and drape selection: A case study. American Journal of Infection Control, 2009, 37, 215-226.	1.1	25
92	A direct solution approach to fuzzy mathematical programs with fuzzy decision variables. Expert Systems With Applications, 2012, 39, 1972-1978.	4.4	24
93	A meta-heuristic algorithm to solve quadratic assignment formulations of cell formation problems without presetting number of cells. Journal of Intelligent Manufacturing, 2004, 15, 753-759.	4.4	23
94	Applying multiple objective tabu search to continuous optimization problems with a simple neighbourhood strategy. International Journal for Numerical Methods in Engineering, 2006, 65, 406-424.	1.5	22
95	Simple and U-type Assembly Line Balancing by Using an Ant Colony Based Algorithm. Mathematical and Computational Applications, 2009, 14, 1-12.	0.7	22
96	A Hybrid MCDM for Private Primary School Assessment Using DEMATEL Based on ANP and Fuzzy Cognitive Map. International Journal of Computational Intelligence Systems, 2014, 7, 615.	1.6	22
97	Dynamic optimization in binary search spaces via weighted superposition attraction algorithm. Expert Systems With Applications, 2018, 96, 157-174.	4.4	22
98	A multiple-rule based constructive randomized search algorithm for solving assembly line worker assignment and balancing problem. Journal of Intelligent Manufacturing, 2019, 30, 557-573.	4.4	21
99	Solving fuzzy multiple objective generalized assignment problems directly via bees algorithm and fuzzy ranking. Expert Systems With Applications, 2013, 40, 892-898.	4.4	20
100	A dynamic multiple attribute decision making model with learning of fuzzy cognitive maps. Computers and Industrial Engineering, 2019, 135, 1063-1076.	3.4	20
101	Solution of a fully fuzzy multi-item economic order quantity problem by using fuzzy ranking functions. Engineering Optimization, 2007, 39, 919-939.	1.5	19
102	Fuzzy mixed integer programming model for medium-term planning in a closed-loop supply chain with remanufacturing option. Journal of Intelligent and Fuzzy Systems, 2012, 23, 345-368.	0.8	19
103	Optimal design of truss structures using weighted superposition attraction algorithm. Engineering With Computers, 2020, 36, 965-979.	3.5	19
104	A new integrated system for loading and scheduling in cellular manufacturing. International Journal of Computer Integrated Manufacturing, 2002, 15, 37-49.	2.9	18
105	Contractor selection with Multi Criteria Decision Support tools. International Journal of Industrial and Systems Engineering, 2009, 4, 174.	0.1	18
106	Development of a framework for customer co-creation in NPD through multi-issue negotiation with issue trade-offs. Expert Systems With Applications, 2013, 40, 873-880.	4.4	18
107	Crashworthiness optimization of circular tubes with functionally-graded thickness. Engineering Computations, 2016, 33, 1560-1585.	0.7	18
108	A fuzzy multiple-attribute decision making model to evaluate new product pricing strategies. Annals of Operations Research, 2017, 251, 205-242.	2.6	18

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109	An application oriented multi-agent based approach to dynamic load/truck planning. Expert Systems With Applications, 2015, 42, 6008-6025.	4.4	17
110	Discovering task assignment rules for assembly line balancing via genetic programming. International Journal of Advanced Manufacturing Technology, 2015, 76, 417-434.	1.5	17
111	Complexity and performance measurement for retail supply chains. Industrial Management and Data Systems, 2019, 119, 719-742.	2.2	17
112	Revisiting ranking accuracy within WASPAS method. Kybernetes, 2019, 49, 885-895.	1.2	17
113	A tabu search approach to fuzzy goal programs and an application to aggregate production planning. Engineering Optimization, 2006, 38, 155-177.	1.5	16
114	Gene expression programming based due date assignment in a simulated job shop. Expert Systems With Applications, 2009, 36, 12143-12150.	4.4	16
115	Capability-based distributed layout and its simulation based analyses. Journal of Intelligent Manufacturing, 2010, 21, 471-485.	4.4	16
116	Weighted superposition attraction algorithm for combinatorial optimization. Expert Systems With Applications, 2019, 138, 112792.	4.4	16
117	A direct solution approach based on constrained fuzzy arithmetic and metaheuristic for fuzzy transportation problems. Soft Computing, 2019, 23, 1667-1698.	2.1	16
118	Weighted superposition attraction algorithm for binary optimization problems. Operational Research, 2020, 20, 2555-2581.	1.3	16
119	Analysing the effects of various switching probability characteristics in flower pollination algorithm for solving unconstrained function minimization problems. Neural Computing and Applications, 2019, 31, 7805-7819.	3.2	15
120	Weighted superposition attraction-repulsion (WSAR) algorithm for truss optimization with multiple frequency constraints. Structures, 2021, 30, 253-264.	1.7	15
121	Novel algorithmic approach to generate the 'number of passes' and 'depth of cuts' for the optimization routines of multipass machining. International Journal of Production Research, 2002, 40, 1549-1565.	4.9	14
122	Gene expression programming based meta-modelling approach to production line design. International Journal of Computer Integrated Manufacturing, 2008, 21, 657-665.	2.9	14
123	Generating prediction rules for liquefaction through data mining. Expert Systems With Applications, 2009, 36, 12491-12499.	4.4	14
124	A simulation based approach to analyse the effects of job release on the performance of a multi-stage job-shop with processing flexibility. International Journal of Production Research, 2011, 49, 585-610.	4.9	14
125	A multi-population firefly algorithm for dynamic optimization problems. , 2015, , .		14
126	Dynamic virtual cellular manufacturing through agent-based modelling. International Journal of Computer Integrated Manufacturing, 2017, 30, 564-579.	2.9	14

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127	Heuristic optimization system for the determination of index positions on CNC magazines with the consideration of cutting tool duplications. <i>International Journal of Production Research</i> , 2004, 42, 1281-1303.	4.9	13
128	Solving fully fuzzy mathematical programming model of EOQ problem with a direct approach based on fuzzy ranking and PSO. <i>Journal of Intelligent and Fuzzy Systems</i> , 2011, 22, 237-251.	0.8	13
129	Cost-sensitive meta-learning classifiers: MEPAR-miner and DIFACONN-miner. <i>Knowledge-Based Systems</i> , 2016, 98, 148-161.	4.0	13
130	Process mining based approach to performance evaluation in computer-aided examinations. <i>Computer Applications in Engineering Education</i> , 2018, 26, 1841-1861.	2.2	13
131	Greedy randomized adaptive search procedure for simultaneous scheduling of production and preventive maintenance activities in dynamic flexible job shops. <i>Soft Computing</i> , 2021, 25, 14893-14932.	2.1	13
132	The bees algorithm for workload balancing in examination job assignment. <i>European Journal of Industrial Engineering</i> , 2009, 3, 424.	0.5	12
133	Classifying defect factors in fabric production via DIFACONN-miner: A case study. <i>Expert Systems With Applications</i> , 2011, 38, 11321-11328.	4.4	12
134	Modelling complexity in retail supply chains. <i>Kybernetes</i> , 2016, 45, 297-322.	1.2	12
135	Minimisation of non-machining times in operating automatic tool changers of machine tools under dynamic operating conditions. <i>International Journal of Production Research</i> , 2018, 56, 1548-1564.	4.9	12
136	Chaos and intensification enhanced flower pollination algorithm to solve mechanical design and unconstrained function optimization problems. <i>Expert Systems With Applications</i> , 2021, 184, 115496.	4.4	12
137	An affordable Reverse Engineering framework for innovative rapid product development. <i>International Journal of Industrial and Systems Engineering</i> , 2008, 3, 31.	0.1	11
138	A PRACTICAL FUZZY DIGRAPH MODEL FOR MODELING MANUFACTURING FLEXIBILITY. <i>Cybernetics and Systems</i> , 2009, 40, 475-489.	1.6	11
139	Genetic Programming Based Data Mining Approach to Dispatching Rule Selection in a Simulated Job Shop. <i>Simulation</i> , 2010, 86, 715-728.	1.1	10
140	An improved approach for determination of index positions on CNC magazines with cutting tool duplications by integrating shortest path algorithm. <i>International Journal of Production Research</i> , 2016, 54, 742-760.	4.9	10
141	A fuzzy-stochastic optimization model for the intermodal fleet management problem of an international transportation company. <i>Transportation Planning and Technology</i> , 2019, 42, 777-824.	0.9	10
142	Optimising cutting conditions for minimising cutting time in multi-pass milling via weighted superposition attraction-repulsion (WSAR) algorithm. <i>International Journal of Production Research</i> , 2021, 59, 4633-4648.	4.9	10
143	Flow time analyses of a simulated flexible job shop by considering jockeying. <i>International Journal of Advanced Manufacturing Technology</i> , 2012, 58, 693-707.	1.5	9
144	An improved decoding procedure and seeker optimization algorithm for reverse logistics network design problem. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 27, 2703-2714.	0.8	9

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145	Multiple colony bees algorithm for continuous spaces. Applied Soft Computing Journal, 2014, 24, 829-841.	4.1	9
146	Solving combinatorial optimization problems with single seekers society algorithm. Knowledge-Based Systems, 2020, 201-202, 106036.	4.0	9
147	Rule extraction from artificial neural networks to discover causes of quality defects in fabric production. Neural Computing and Applications, 2011, 20, 1117-1128.	3.2	8
148	A MULTI-AGENT FRAMEWORK FOR LOAD CONSOLIDATION IN LOGISTICS. Transport, 2011, 26, 320-328.	0.6	8
149	A PRACTICAL APPROACH TO PRIORITIZE PROJECT ACTIVITIES THROUGH FUZZY RANKING. Cybernetics and Systems, 2011, 42, 165-179.	1.6	8
150	Multi-colony ant algorithm for parallel assembly line balancing with fuzzy parameters. Journal of Intelligent and Fuzzy Systems, 2012, 23, 283-295.	0.8	8
151	Agent-based dynamic part family formation for cellular manufacturing applications. International Journal of Production Research, 2015, 53, 774-792.	4.9	8
152	Manufacturing cell formation with flexible processing capabilities and worker assignment: Comparison of constraint programming and integer programming approaches. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2018, 232, 2054-2068.	1.5	8
153	Single Seekers Society (SSS): Bringing together heuristic optimization algorithms for solving complex problems. Knowledge-Based Systems, 2019, 165, 53-76.	4.0	8
154	OPPS-PRI 2.0: an open and optimized process planning system for prismatic parts to improve the performance of SMEs in the machining industry. International Journal of Production Research, 2005, 43, 1039-1087.	4.9	7
155	A species-based flower pollination algorithm with increased selection pressure in abiotic local pollination and enhanced intensification. Knowledge-Based Systems, 2021, 225, 107125.	4.0	7
156	Rule Extraction from Neural Networks Via Ant Colony Algorithm for Data Mining Applications. Lecture Notes in Computer Science, 2008, , 177-191.	1.0	7
157	Investigation of center of mass by using magic squares and its possible engineering applications. Robotics and Autonomous Systems, 2004, 49, 219-226.	3.0	6
158	Due date assignment using ADRES and simulated annealing. International Journal of Industrial and Systems Engineering, 2008, 3, 277.	0.1	6
159	Balancing parallel assembly lines via Ant Colony Optimization. , 2009, , .		6
160	Enhancing technology clustering through heuristics by using patent counts. Expert Systems With Applications, 2011, 38, 15383-15391.	4.4	6
161	Metaheuristic-based simulation optimization approach to network revenue management with an improved self-adjusting bid price function. Engineering Economist, 2017, 62, 3-32.	0.3	6
162	Development of a Web-Based Decision Support System for Strategic and Tactical Sustainable Fleet Management Problems in Intermodal Transportation Networks. Profiles in Operations Research, 2019, , 189-230.	0.3	6

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163	A TEAM-ORIENTED CYBERNETIC APPROACH FOR VALUE-ADDED QUALITY AUDITING. <i>Cybernetics and Systems</i> , 2006, 37, 311-327.	1.6	5
164	An Interactive Data-Driven (Dynamic) Multiple Attribute Decision Making Model via Interval Type-2 Fuzzy Functions. <i>Mathematics</i> , 2019, 7, 584.	1.1	5
165	Capability-based distributed layout formation with or without demand and process flow information. <i>Applied Soft Computing Journal</i> , 2020, 94, 106469.	4.1	5
166	Cost optimization of high strength concretes by soft computing techniques. <i>Computers and Concrete</i> , 2010, 7, 221-237.	0.7	5
167	Analysis of rank reversal problems in "Weighted Aggregated Sum Product Assessment" method. <i>Soft Computing</i> , 2021, 25, 15243-15254.	2.1	5
168	Computer Aided Constrained Optimisation of Cutting Conditions in Drilling Operations on a CNC Lathe by Using Geometric Programming. <i>Mathematical and Computational Applications</i> , 1996, 1, 97-104.	0.7	4
169	Evaluating the basic load consolidation strategies for a transportation company through logistics process modelling and simulation. <i>International Journal of Data Analysis Techniques and Strategies</i> , 2011, 3, 241.	0.2	4
170	Fuzzy functions via genetic programming. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 27, 2355-2364.	0.8	4
171	A multi-agent based approach to modeling and solving dynamic generalized travelling salesman problem. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 31, 77-90.	0.8	4
172	An Excel-based program to teach students quick ergonomic risk assessment techniques with an application to an assembly system. <i>Computer Applications in Engineering Education</i> , 2017, 25, 489-507.	2.2	4
173	Revenue management for make-to-order manufacturing systems with a real-life application. <i>Engineering Economist</i> , 2020, 65, 27-65.	0.3	4
174	Alpha-cut based fuzzy cognitive maps with applications in decision-making. <i>Computers and Industrial Engineering</i> , 2021, 152, 107007.	3.4	4
175	Composite Dispatching Rule Generation through Data Mining in a Simulated Job Shop. <i>Communications in Computer and Information Science</i> , 2008, , 389-398.	0.4	4
176	Capability-based machine layout with a matheuristic-based approach. <i>Expert Systems With Applications</i> , 2022, 198, 116900.	4.4	4
177	A classification scheme for agent based approaches to dynamic optimization. <i>Artificial Intelligence Review</i> , 2014, 41, 261-286.	9.7	3
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