

Shih-Wei Lin

List of Publications by Citations

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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.

137
papers

4,312
citations

37
h-index

61
g-index

140
ext. papers

4,980
ext. citations

4.8
avg. IF

6.12
L-index

#	Paper	IF	Citations
137	Particle swarm optimization for parameter determination and feature selection of support vector machines. <i>Expert Systems With Applications</i> , 2008 , 35, 1817-1824	7.8	600
136	Parameter determination of support vector machine and feature selection using simulated annealing approach. <i>Applied Soft Computing Journal</i> , 2008 , 8, 1505-1512	7.5	229
135	A simulated annealing heuristic for the capacitated location routing problem. <i>Computers and Industrial Engineering</i> , 2010 , 58, 288-299	6.4	195
134	An intelligent algorithm with feature selection and decision rules applied to anomaly intrusion detection. <i>Applied Soft Computing Journal</i> , 2012 , 12, 3285-3290	7.5	130
133	Minimising makespan in distributed permutation flowshops using a modified iterated greedy algorithm. <i>International Journal of Production Research</i> , 2013 , 51, 5029-5038	7.8	119
132	Solving the truck and trailer routing problem based on a simulated annealing heuristic. <i>Computers and Operations Research</i> , 2009 , 36, 1683-1692	4.6	108
131	A simulated annealing heuristic for the team orienteering problem with time windows. <i>European Journal of Operational Research</i> , 2012 , 217, 94-107	5.6	89
130	Multiprocessor task scheduling in multistage hybrid flow-shops: an ant colony system approach. <i>International Journal of Production Research</i> , 2006 , 44, 3161-3177	7.8	88
129	A simulated annealing heuristic for the truck and trailer routing problem with time windows. <i>Expert Systems With Applications</i> , 2011 , 38, 15244-15252	7.8	85
128	Applying hybrid meta-heuristics for capacitated vehicle routing problem. <i>Expert Systems With Applications</i> , 2009 , 36, 1505-1512	7.8	74
127	Dynamic parking negotiation and guidance using an agent-based platform. <i>Expert Systems With Applications</i> , 2008 , 35, 805-817	7.8	71
126	Combining support vector machine with genetic algorithm to classify ultrasound breast tumor images. <i>Computerized Medical Imaging and Graphics</i> , 2012 , 36, 627-33	7.6	67
125	Sequencing single-machine tardiness problems with sequence dependent setup times using an iterated greedy heuristic. <i>Expert Systems With Applications</i> , 2009 , 36, 7087-7092	7.8	65
124	Minimizing makespan for the distributed hybrid flowshop scheduling problem with multiprocessor tasks. <i>Expert Systems With Applications</i> , 2018 , 92, 132-141	7.8	63
123	Iterated reference greedy algorithm for solving distributed no-idle permutation flowshop scheduling problems. <i>Computers and Industrial Engineering</i> , 2017 , 110, 413-423	6.4	58
122	Minimizing makespan for solving the distributed no-wait flowshop scheduling problem. <i>Computers and Industrial Engineering</i> , 2016 , 99, 202-209	6.4	58
121	Optimization of makespan for no-wait flowshop scheduling problems using efficient matheuristics. <i>Omega</i> , 2016 , 64, 115-125	7.2	56

120	Minimizing makespan in a blocking flowshop using a revised artificial immune system algorithm. <i>Omega</i> , 2013 , 41, 383-389	7.2	54
119	Multi-start simulated annealing heuristic for the location routing problem with simultaneous pickup and delivery. <i>Applied Soft Computing Journal</i> , 2014 , 24, 284-290	7.5	52
118	Robust scheduling on a single machine to minimize total flow time. <i>Computers and Operations Research</i> , 2012 , 39, 1682-1691	4.6	52
117	Solving the team orienteering problem using effective multi-start simulated annealing. <i>Applied Soft Computing Journal</i> , 2013 , 13, 1064-1073	7.5	51
116	An enhanced ant colony optimization (EACO) applied to capacitated vehicle routing problem. <i>Applied Intelligence</i> , 2010 , 32, 88-95	4.9	50
115	ABC-based manufacturing scheduling for unrelated parallel machines with machine-dependent and job sequence-dependent setup times. <i>Computers and Operations Research</i> , 2014 , 51, 172-181	4.6	47
114	PSOLDA: A particle swarm optimization approach for enhancing classification accuracy rate of linear discriminant analysis. <i>Applied Soft Computing Journal</i> , 2009 , 9, 1008-1015	7.5	46
113	Solving single-machine total weighted tardiness problems with sequence-dependent setup times by meta-heuristics. <i>International Journal of Advanced Manufacturing Technology</i> , 2007 , 34, 1183-1190	3.2	46
112	A simulated-annealing-based approach for simultaneous parameter optimization and feature selection of back-propagation networks. <i>Expert Systems With Applications</i> , 2008 , 34, 1491-1499	7.8	46
111	Using simulated annealing to schedule a flowshop manufacturing cell with sequence-dependent family setup times. <i>International Journal of Production Research</i> , 2009 , 47, 3205-3217	7.8	45
110	Makespan minimization for scheduling unrelated parallel machines with setup times. <i>Journal of Intelligent Manufacturing</i> , 2012 , 23, 1795-1803	6.7	44
109	Minimizing makespan and total flowtime in permutation flowshops by a bi-objective multi-start simulated-annealing algorithm. <i>Computers and Operations Research</i> , 2013 , 40, 1625-1647	4.6	41
108	Metaheuristics for scheduling a non-permutation flowline manufacturing cell with sequence dependent family setup times. <i>Computers and Operations Research</i> , 2009 , 36, 1110-1121	4.6	41
107	Increasing the total net revenue for single machine order acceptance and scheduling problems using an artificial bee colony algorithm. <i>Journal of the Operational Research Society</i> , 2013 , 64, 293-311	2	40
106	Minimization of total tardiness on unrelated parallel machines with sequence- and machine-dependent setup times under due date constraints. <i>International Journal of Advanced Manufacturing Technology</i> , 2011 , 53, 353-361	3.2	40
105	A simulated annealing heuristic for the multiconstraint team orienteering problem with multiple time windows. <i>Applied Soft Computing Journal</i> , 2015 , 37, 632-642	7.5	39
104	A hybrid watermarking technique applied to digital images. <i>Applied Soft Computing Journal</i> , 2008 , 8, 798-808	7.5	39
103	Parameter tuning, feature selection and weight assignment of features for case-based reasoning by artificial immune system. <i>Applied Soft Computing Journal</i> , 2011 , 11, 5042-5052	7.5	38

102	Applying a hybrid simulated annealing and tabu search approach to non-permutation flowshop scheduling problems. <i>International Journal of Production Research</i> , 2009 , 47, 1411-1424	7.8	38
101	A note on the truck and trailer routing problem. <i>Expert Systems With Applications</i> , 2010 , 37, 899-903	7.8	38
100	Efficient model and heuristic for the intermodal terminal location problem. <i>Computers and Operations Research</i> , 2014 , 51, 41-51	4.6	37
99	Permutation and non-permutation schedules for the flowline manufacturing cell with sequence dependent family setups. <i>International Journal of Production Research</i> , 2010 , 48, 2169-2184	7.8	37
98	A multi-point simulated annealing heuristic for solving multiple objective unrelated parallel machine scheduling problems. <i>International Journal of Production Research</i> , 2015 , 53, 1065-1076	7.8	36
97	Minimization of maximum lateness on parallel machines with sequence-dependent setup times and job release dates. <i>Computers and Operations Research</i> , 2011 , 38, 809-815	4.6	36
96	Multi-heuristic desirability ant colony system heuristic for non-permutation flowshop scheduling problems. <i>International Journal of Advanced Manufacturing Technology</i> , 2007 , 33, 793-802	3.2	36
95	Bi-objective reentrant hybrid flowshop scheduling: an iterated Pareto greedy algorithm. <i>International Journal of Production Research</i> , 2014 , 52, 5735-5747	7.8	35
94	Minimizing Makespan in Distributed Blocking Flowshops Using Hybrid Iterated Greedy Algorithms. <i>IEEE Access</i> , 2017 , 5, 15694-15705	3.5	34
93	Robust single machine scheduling for minimizing total flow time in the presence of uncertain processing times. <i>Computers and Industrial Engineering</i> , 2014 , 74, 102-110	6.4	32
92	A sequential exchange approach for minimizing earliness/tardiness penalties of single-machine scheduling with a common due date. <i>European Journal of Operational Research</i> , 2007 , 177, 1294-1301	5.6	32
91	Cell Formation using a simulated annealing algorithm with variable neighbourhood. <i>European Journal of Industrial Engineering</i> , 2011 , 5, 22	1.1	31
90	Applying enhanced data mining approaches in predicting bank performance: A case of Taiwanese commercial banks. <i>Expert Systems With Applications</i> , 2009 , 36, 11543-11551	7.8	31
89	The museum visitor routing problem. <i>Applied Mathematics and Computation</i> , 2010 , 216, 719-729	2.7	31
88	Applying multi-start simulated annealing to schedule a flowline manufacturing cell with sequence dependent family setup times. <i>International Journal of Production Economics</i> , 2011 , 130, 246-254	9.3	30
87	Metaheuristics for scheduling a no-wait flowshop manufacturing cell with sequence-dependent family setups. <i>International Journal of Advanced Manufacturing Technology</i> , 2012 , 58, 671-682	3.2	29
86	Multiprocessor task scheduling in multistage hybrid flowshops: A hybrid artificial bee colony algorithm with bi-directional planning. <i>Computers and Operations Research</i> , 2013 , 40, 1186-1195	4.6	29
85	Parameter determination and feature selection for C4.5 algorithm using scatter search approach. <i>Soft Computing</i> , 2012 , 16, 63-75	3.5	26

84	Solving the team orienteering problem with time windows and mandatory visits by multi-start simulated annealing. <i>Computers and Industrial Engineering</i> , 2017 , 114, 195-205	6.4	24
83	Order acceptance and scheduling to maximize total net revenue in permutation flowshops with weighted tardiness. <i>Applied Soft Computing Journal</i> , 2015 , 30, 462-474	7.5	24
82	Solving the dynamic berth allocation problem by simulated annealing. <i>Engineering Optimization</i> , 2014 , 46, 308-327	2	24
81	Parameter determination and feature selection for back-propagation network by particle swarm optimization. <i>Knowledge and Information Systems</i> , 2009 , 21, 249-266	2.4	24
80	Enhancing the classification accuracy by scatter-search-based ensemble approach. <i>Applied Soft Computing Journal</i> , 2011 , 11, 1021-1028	7.5	23
79	Treatment outcomes of patients with different subtypes of large cell carcinoma of the lung. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 1013-9	2.7	21
78	Minimizing worst-case regret of makespan on a single machine with uncertain processing and setup times. <i>Applied Soft Computing Journal</i> , 2014 , 23, 144-151	7.5	20
77	Multi-objective unrelated parallel machine scheduling: a Tabu-enhanced iterated Pareto greedy algorithm. <i>International Journal of Production Research</i> , 2016 , 54, 1110-1121	7.8	19
76	Minimizing shifts for personnel task scheduling problems: A three-phase algorithm. <i>European Journal of Operational Research</i> , 2014 , 237, 323-334	5.6	19
75	Scheduling a bi-criteria flowshop manufacturing cell with sequence-dependent family setup times. <i>European Journal of Industrial Engineering</i> , 2012 , 6, 474	1.1	19
74	A hybrid approach for single-machine tardiness problems with sequence-dependent setup times. <i>Journal of the Operational Research Society</i> , 2008 , 59, 1109-1119	2	19
73	An Artificial Immune System-Based Support Vector Machine Approach for Classifying Ultrasound Breast Tumor Images. <i>Journal of Digital Imaging</i> , 2015 , 28, 576-85	5.3	18
72	Two-stage approach to the intermodal terminal location problem. <i>Computers and Operations Research</i> , 2016 , 67, 113-119	4.6	18
71	Cluster identification with parallel coordinates. <i>Pattern Recognition Letters</i> , 1999 , 20, 565-572	4.7	18
70	Team orienteering problem with time windows and time-dependent scores. <i>Computers and Industrial Engineering</i> , 2019 , 127, 213-224	6.4	18
69	Location determination of mobile devices for an indoor WLAN application using a neural network. <i>Knowledge and Information Systems</i> , 2009 , 20, 81-93	2.4	17
68	Hybrid-directional planning: improving improvement heuristics for scheduling resource-constrained projects. <i>International Journal of Advanced Manufacturing Technology</i> , 2009 , 41, 358-366	3.2	17
67	Scheduling multistage hybrid flowshops with multiprocessor tasks by an effective heuristic. <i>International Journal of Production Research</i> , 2009 , 47, 3525-3538	7.8	17

66	Multi-temperature simulated annealing for optimizing mixed-blocking permutation flowshop scheduling problems. <i>Expert Systems With Applications</i> , 2021 , 165, 113837	7.8	16
65	Part-machine cell formation in group technology using a simulated annealing-based meta-heuristic. <i>International Journal of Production Research</i> , 2010 , 48, 3579-3591	7.8	14
64	A novel function approximation based on robust fuzzy regression algorithm model and particle swarm optimization. <i>Applied Soft Computing Journal</i> , 2011 , 11, 1820-1826	7.5	14
63	Scheduling jobs on dynamic parallel machines with sequence-dependent setup times. <i>International Journal of Advanced Manufacturing Technology</i> , 2010 , 47, 773-781	3.2	14
62	Surgical outcomes of pulmonary mucoepidermoid carcinoma: A review of 41 cases. <i>PLoS ONE</i> , 2017 , 12, e0176918	3.7	14
61	A high-performing constructive heuristic for minimizing makespan in permutation flowshops. <i>Journal of Industrial and Production Engineering</i> , 2013 , 30, 355-362	1	13
60	Simulated annealing with different vessel assignment strategies for the continuous berth allocation problem. <i>Flexible Services and Manufacturing Journal</i> , 2018 , 30, 740-763	1.8	12
59	Minimising total weighted earliness and tardiness penalties on identical parallel machines using a fast ruin-and-recreate algorithm. <i>International Journal of Production Research</i> , 2016 , 54, 6879-6890	7.8	12
58	Inventory models with managerial policy independent of demand. <i>European Journal of Operational Research</i> , 2011 , 211, 520-524	5.6	12
57	An ensemble approach applied to classify spam e-mails. <i>Expert Systems With Applications</i> , 2010 , 37, 2197-2201	7.2	12
56	Irregular shapes classification by back-propagation neural networks. <i>International Journal of Advanced Manufacturing Technology</i> , 2007 , 34, 1164-1172	3.2	12
55	Meta-heuristic approaches for minimizing total earliness and tardiness penalties of single-machine scheduling with a common due date. <i>Journal of Heuristics</i> , 2007 , 13, 151-165	1.9	12
54	Iterated greedy heuristic for the time-dependent prize-collecting arc routing problem. <i>Computers and Industrial Engineering</i> , 2015 , 90, 54-66	6.4	11
53	Improved Exact Methods for Solving No-Wait Flowshop Scheduling Problems With Due Date Constraints. <i>IEEE Access</i> , 2018 , 6, 30702-30713	3.5	11
52	Note on minimax distribution free procedure for integrated inventory model with defective goods and stochastic lead time demand. <i>Applied Mathematical Modelling</i> , 2011 , 35, 2087-2093	4.5	11
51	Adenosquamous Carcinoma of the Esophagus and Esophagogastric Junction: Clinical Manifestations and Treatment Outcomes. <i>Journal of Gastrointestinal Surgery</i> , 2015 , 19, 1216-22	3.3	10
50	An efficient two-staged approach for generating block layouts. <i>Computers and Operations Research</i> , 2002 , 29, 489-504	4.6	10
49	Minimizing the Sum of Makespan and Total Weighted Tardiness in a No-Wait Flowshop. <i>IEEE Access</i> , 2018 , 6, 78666-78677	3.5	10

48	Risk Factors Associated with Outcomes of Recombinant Tissue Plasminogen Activator Therapy in Patients with Acute Ischemic Stroke. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	9
47	Effective dynamic dispatching rule and constructive heuristic for solving single-machine scheduling problems with a common due window. <i>International Journal of Production Research</i> , 2017 , 55, 1707-1719	7.8	9
46	Minimizing makespan for no-wait flowshop scheduling problems with setup times. <i>Computers and Industrial Engineering</i> , 2018 , 121, 73-81	6.4	9
45	Solving no-wait job-shop scheduling problems using a multi-start simulated annealing with bi-directional shift timetabling algorithm. <i>Computers and Industrial Engineering</i> , 2020 , 146, 106615	6.4	8
44	Minimizing the total service time of discrete dynamic berth allocation problem by an iterated greedy heuristic. <i>Scientific World Journal, The</i> , 2014 , 2014, 218925	2.2	8
43	Meta-heuristic algorithms for wafer sorting scheduling problems. <i>Journal of the Operational Research Society</i> , 2011 , 62, 165-174	2	8
42	Self-adaptive ruin-and-recreate algorithm for minimizing total flow time in no-wait flowshops. <i>Computers and Industrial Engineering</i> , 2016 , 101, 167-176	6.4	8
41	Uniform Parallel-Machine Scheduling for Minimizing Total Resource Consumption With a Bounded Makespan. <i>IEEE Access</i> , 2017 , 5, 15791-15799	3.5	7
40	Raising the hit rate for wafer fabrication by a simple constructive heuristic. <i>Expert Systems With Applications</i> , 2009 , 36, 2894-2900	7.8	7
39	Effect of probiotics GKS6, GKM3, and GKLC1 on alleviating alcohol-induced alcoholic liver disease in a mouse model. <i>Nutrition Research and Practice</i> , 2020 , 14, 299-308	2.1	7
38	Using Nursing Information and Data Mining to Explore the Factors That Predict Pressure Injuries for Patients at the End of Life. <i>CIN - Computers Informatics Nursing</i> , 2019 , 37, 133-141	1.4	7
37	Makespan optimization in a no-wait flowline manufacturing cell with sequence-dependent family setup times. <i>Computers and Industrial Engineering</i> , 2019 , 128, 1-7	6.4	7
36	Technical Note on(Q,r,L)Inventory Model with Defective Items. <i>Abstract and Applied Analysis</i> , 2010 , 2010, 1-8	0.7	5
35	Greedy-Based Non-Dominated Sorting Genetic Algorithm III for Optimizing Single-Machine Scheduling Problem With Interfering Jobs. <i>IEEE Access</i> , 2020 , 8, 142543-142556	3.5	5
34	GKM3 Promotes Longevity, Memory Retention, and Reduces Brain Oxidation Stress in SAMP8 Mice. <i>Nutrients</i> , 2021 , 13,	6.7	5
33	Decreasing the System Testing Makespan in a Computer Manufacturing Company. <i>IEEE Access</i> , 2018 , 6, 16464-16473	3.5	4
32	Using new attribute construction to incorporate the expertise of human experts into a smuggling vessels classification system. <i>Expert Systems With Applications</i> , 2009 , 36, 7773-7777	7.8	4
31	Design of a two-echelon freight distribution system in an urban area considering third-party logistics and loading/unloading zones. <i>Applied Soft Computing Journal</i> , 2020 , 97, 106707	7.5	4

30	Improved Beam Search for Optimizing No-Wait Flowshops With Release Times. <i>IEEE Access</i> , 2020 , 8, 148100-148124	3.5	4
29	Comparative Analysis of Mixed Integer Programming Formulations for Single-Machine and Parallel-Machine Scheduling Problems. <i>IEEE Access</i> , 2019 , 7, 152998-153011	3.5	4
28	A Simulated Annealing Algorithm for the Vehicle Routing Problem With Parcel Lockers. <i>IEEE Access</i> , 2022 , 10, 20764-20782	3.5	4
27	Single Machine Job Sequencing With a Restricted Common Due Window. <i>IEEE Access</i> , 2019 , 7, 148741-148755	3.5	3
26	Applying PSO-based BPN for predicting the yield rate of DRAM modules produced using defective ICs. <i>International Journal of Advanced Manufacturing Technology</i> , 2010 , 49, 987-999	3.2	3
25	Assessing Circularity in Three Dimensions1. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2001 , 123, 128-134	3.3	3
24	Minimizing Total Completion Time in Mixed-Blocking Permutation Flowshops. <i>IEEE Access</i> , 2020 , 8, 142065-142075	3.5	3
23	New benchmark algorithm for hybrid flowshop scheduling with identical machines. <i>Expert Systems With Applications</i> , 2021 , 183, 115422	7.8	3
22	Efficient wafer sorting scheduling using a hybrid artificial immune system. <i>Journal of the Operational Research Society</i> , 2014 , 65, 169-179	2	2
21	A Dynamical Ant Colony Optimization with Heuristics for Scheduling Jobs on a Single Machine with a Common Due Date. <i>Studies in Computational Intelligence</i> , 2008 , 91-103	0.8	2
20	Maximizing cohesion and separation for detecting protein functional modules in protein-protein interaction networks. <i>PLoS ONE</i> , 2020 , 15, e0240628	3.7	2
19	An Examination of GKS6 and GKK2 Isolated from Infant Feces in an Aged Mouse Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021 , 2021, 6692363	2.3	2
18	Simulated Annealing with Restart Strategy for the Path Cover Problem with Time Windows. <i>Mathematics</i> , 2021 , 9, 1625	2.3	2
17	Location-Routing Problem With Demand Range. <i>IEEE Access</i> , 2019 , 7, 149142-149155	3.5	1
16	FALSICAL: A fuzzy multidimensional scaling algorithm. <i>Computers and Mathematics With Applications</i> , 2007 , 53, 717-728	2.7	1
15	Lactobacillus rhamnosus GKLC1 ameliorates cisplatin-induced chronic nephrotoxicity by inhibiting cell inflammation and apoptosis.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 147, 112701	7.5	1
14	Solving the Mask Data Preparation Scheduling Problem Using Meta-Heuristics. <i>IEEE Access</i> , 2019 , 7, 24192-24203	3.5	1
13	Minimising makespan in job-shops with deterministic machine availability constraints. <i>International Journal of Production Research</i> , 2021 , 59, 4403-4415	7.8	1

12	Simulated Annealing with Mutation Strategy for the Share-a-Ride Problem with Flexible Compartments. <i>Mathematics</i> , 2021 , 9, 2320	2.3	1
11	Optimal Maintenance Policy for Offshore Wind Systems. <i>Energies</i> , 2021 , 14, 6082	3.1	1
10	Fuzzy Multi-Choice Goal Programming and Artificial Bee Colony Algorithm for Triangular and Trapezoidal Membership Functions. <i>IEEE Access</i> , 2021 , 9, 95267-95281	3.5	1
9	The Vehicle Routing Problem with Simultaneous Pickup and Delivery and Parcel Lockers. <i>Mathematics</i> , 2022 , 10, 920	2.3	1
8	Using the ISM Method to Analyze the Relationships between Various Contractor Prequalification Criteria. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3726	2.6	1
7	No-Idle Flowshop Scheduling for Energy-Efficient Production: An Improved Optimization Framework. <i>Mathematics</i> , 2021 , 9, 1335	2.3	0
6	Minimizing total completion time in the no-wait jobshop scheduling problem using a backtracking metaheuristic. <i>Computers and Industrial Engineering</i> , 2022 , 108238	6.4	0
5	Single-Machine Scheduling with Learning Effects and Maintenance: A Methodological Note on Some Polynomial-Time Solvable Cases. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-6	1.1	
4	. <i>IEEE Access</i> , 2018 , 6, 2859-2870	3.5	
3	Service science □the trend and the future core. <i>Journal of the Chinese Institute of Industrial Engineers</i> , 2011 , 28, 89-90		
2	Location-Aware Tour Guide Systems in Museum. <i>Advanced Concurrent Engineering</i> , 2008 , 349-356		
1	A five-year longitudinal study of the relation between end-stage kidney disease as the outcomes. <i>BMC Nephrology</i> , 2020 , 21, 132	2.7	