Shih-Wei Lin

List of Publications by Year in Descending Order

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	Lactobacillus rhamnosus GKLC1 ameliorates cisplatin-induced chronic nephrotoxicity by inhibiting cell inflammation and apoptosis.. *Biomedicine and Pharmacotherapy*, **2022**, 147, 112701	7.5	1
136	A Simulated Annealing Algorithm for the Vehicle Routing Problem With Parcel Lockers. *IEEE Access*, **2022**, 10, 20764-20782	3.5	4
135	The Vehicle Routing Problem with Simultaneous Pickup and Delivery and Parcel Lockers. *Mathematics*, **2022**, 10, 920	2.3	1
134	Using the ISM Method to Analyze the Relationships between Various Contractor Prequalification Criteria. *Applied Sciences (Switzerland)*, **2022**, 12, 3726	2.6	1
133	Minimizing total completion time in the no-wait jobshop scheduling problem using a backtracking metaheuristic. *Computers and Industrial Engineering*, **2022**, 108238	6.4	0
132	An Examination of GKS6 and GKK2 Isolated from Infant Feces in an Aged Mouse Model. *Evidence-based Complementary and Alternative Medicine*, **2021**, 2021, 6692363	2.3	2
131	No-Idle Flowshop Scheduling for Energy-Efficient Production: An Improved Optimization Framework. *Mathematics*, **2021**, 9, 1335	2.3	0
130	Simulated Annealing with Restart Strategy for the Path Cover Problem with Time Windows. *Mathematics*, **2021**, 9, 1625	2.3	2
129	Minimising makespan in job-shops with deterministic machine availability constraints. *International Journal of Production Research*, **2021**, 59, 4403-4415	7.8	1
128	Multi-temperature simulated annealing for optimizing mixed-blocking permutation flowshop scheduling problems. *Expert Systems With Applications*, **2021**, 165, 113837	7.8	16
127	GKM3 Promotes Longevity, Memory Retention, and Reduces Brain Oxidation Stress in SAMP8 Mice. *Nutrients*, **2021**, 13,	6.7	5
126	Simulated Annealing with Mutation Strategy for the Share-a-Ride Problem with Flexible Compartments. *Mathematics*, **2021**, 9, 2320	2.3	1
125	Optimal Maintenance Policy for Offshore Wind Systems. *Energies*, **2021**, 14, 6082	3.1	1
124	New benchmark algorithm for hybrid flowshop scheduling with identical machines. *Expert Systems With Applications*, **2021**, 183, 115422	7.8	3
123	Fuzzy Multi-Choice Goal Programming and Artificial Bee Colony Algorithm for Triangular and Trapezoidal Membership Functions. *IEEE Access*, **2021**, 9, 95267-95281	3.5	1
122	Solving no-wait job-shop scheduling problems using a multi-start simulated annealing with bi-directional shift timetabling algorithm. *Computers and Industrial Engineering*, **2020**, 146, 106615	6.4	8
121	Risk Factors Associated with Outcomes of Recombinant Tissue Plasminogen Activator Therapy in Patients with Acute Ischemic Stroke. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	9

#	Reference	IF	Cites
120	Effect of probiotics GKS6, GKM3, and GKLC1 on alleviating alcohol-induced alcoholic liver disease in a mouse model. *Nutrition Research and Practice*, **2020**, 14, 299-308	2.1	7
119	Maximizing cohesion and separation for detecting protein functional modules in protein-protein interaction networks. *PLoS ONE*, **2020**, 15, e0240628	3.7	2
118	Design of a two-echelon freight distribution system in an urban area considering third-party logistics and loading⎯unloading zones. *Applied Soft Computing Journal*, **2020**, 97, 106707	7.5	4
117	Greedy-Based Non-Dominated Sorting Genetic Algorithm III for Optimizing Single-Machine Scheduling Problem With Interfering Jobs. *IEEE Access*, **2020**, 8, 142543-142556	3.5	5
116	Minimizing Total Completion Time in Mixed-Blocking Permutation Flowshops. *IEEE Access*, **2020**, 8, 142065-142075	3.5	9
115	Improved Beam Search for Optimizing No-Wait Flowshops With Release Times. *IEEE Access*, **2020**, 8, 148100-148124	3.5	4
114	A five-year longitudinal study of the relation between end-stage kidney disease as the outcomes. *BMC Nephrology*, **2020**, 21, 132	2.7	
113	Single Machine Job Sequencing With a Restricted Common Due Window. *IEEE Access*, **2019**, 7, 148741-148755	3.5	3
112	Location-Routing Problem With Demand Range. *IEEE Access*, **2019**, 7, 149142-149155	3.5	1
111	Solving the Mask Data Preparation Scheduling Problem Using Meta-Heuristics. *IEEE Access*, **2019**, 7, 24192-24203	3.5	3
110	Using Nursing Information and Data Mining to Explore the Factors That Predict Pressure Injuries for Patients at the End of Life. *CIN - Computers Informatics Nursing*, **2019**, 37, 133-141	1.4	7
109	Comparative Analysis of Mixed Integer Programming Formulations for Single-Machine and Parallel-Machine Scheduling Problems. *IEEE Access*, **2019**, 7, 152998-153011	3.5	4
108	Team orienteering problem with time windows and time-dependent scores. *Computers and Industrial Engineering*, **2019**, 127, 213-224	6.4	18
107	Makespan optimization in a no-wait flowline manufacturing cell with sequence-dependent family setup times. *Computers and Industrial Engineering*, **2019**, 128, 1-7	6.4	7
106	. *IEEE Access*, **2018**, 6, 2859-2870	3.5	
105	Decreasing the System Testing Makespan in a Computer Manufacturing Company. *IEEE Access*, **2018**, 6, 16464-16473	3.5	4
104	Simulated annealing with different vessel assignment strategies for the continuous berth allocation problem. *Flexible Services and Manufacturing Journal*, **2018**, 30, 740-763	1.8	12
103	Minimizing makespan for the distributed hybrid flowshop scheduling problem with multiprocessor tasks. *Expert Systems With Applications*, **2018**, 92, 132-141	7.8	63

102	Improved Exact Methods for Solving No-Wait Flowshop Scheduling Problems With Due Date Constraints. *IEEE Access*, **2018**, 6, 30702-30713	3.5	11
101	Minimizing the Sum of Makespan and Total Weighted Tardiness in a No-Wait Flowshop. *IEEE Access*, **2018**, 6, 78666-78677	3.5	10
100	Minimizing makespan for no-wait flowshop scheduling problems with setup times. *Computers and Industrial Engineering*, **2018**, 121, 73-81	6.4	9
99	Iterated reference greedy algorithm for solving distributed no-idle permutation flowshop scheduling problems. *Computers and Industrial Engineering*, **2017**, 110, 413-423	6.4	58
98	Solving the team orienteering problem with time windows and mandatory visits by multi-start simulated annealing. *Computers and Industrial Engineering*, **2017**, 114, 195-205	6.4	24
97	Single-Machine Scheduling with Learning Effects and Maintenance: A Methodological Note on Some Polynomial-Time Solvable Cases. *Mathematical Problems in Engineering*, **2017**, 2017, 1-6	1.1	
96	Minimizing Makespan in Distributed Blocking Flowshops Using Hybrid Iterated Greedy Algorithms. *IEEE Access*, **2017**, 5, 15694-15705	3.5	34
95	Effective dynamic dispatching rule and constructive heuristic for solving single-machine scheduling problems with a common due window. *International Journal of Production Research*, **2017**, 55, 1707-1719	7.8	9
94	Uniform Parallel-Machine Scheduling for Minimizing Total Resource Consumption With a Bounded Makespan. *IEEE Access*, **2017**, 5, 15791-15799	3.5	7
93	Surgical outcomes of pulmonary mucoepidermoid carcinoma: A review of 41 cases. *PLoS ONE*, **2017**, 12, e0176918	3.7	14
92	Minimising total weighted earliness and tardiness penalties on identical parallel machines using a fast ruin-and-recreate algorithm. *International Journal of Production Research*, **2016**, 54, 6879-6890	7.8	12
91	Multi-objective unrelated parallel machine scheduling: a Tabu-enhanced iterated Pareto greedy algorithm. *International Journal of Production Research*, **2016**, 54, 1110-1121	7.8	19
90	Optimization of makespan for no-wait flowshop scheduling problems using efficient matheuristics. *Omega*, **2016**, 64, 115-125	7.2	56
89	Two-stage approach to the intermodal terminal location problem. *Computers and Operations Research*, **2016**, 67, 113-119	4.6	18
88	Self-adaptive ruin-and-recreate algorithm for minimizing total flow time in no-wait flowshops. *Computers and Industrial Engineering*, **2016**, 101, 167-176	6.4	8
87	Minimizing makespan for solving the distributed no-wait flowshop scheduling problem. *Computers and Industrial Engineering*, **2016**, 99, 202-209	6.4	58
86	An Artificial Immune System-Based Support Vector Machine Approach for Classifying Ultrasound Breast Tumor Images. *Journal of Digital Imaging*, **2015**, 28, 576-85	5.3	18
85	Order acceptance and scheduling to maximize total net revenue in permutation flowshops with weighted tardiness. *Applied Soft Computing Journal*, **2015**, 30, 462-474	7.5	24

84	Adenosquamous Carcinoma of the Esophagus and Esophagogastric Junction: Clinical Manifestations and Treatment Outcomes. *Journal of Gastrointestinal Surgery*, **2015**, 19, 1216-22	3.3	10
83	A simulated annealing heuristic for the multiconstraint team orienteering problem with multiple time windows. *Applied Soft Computing Journal*, **2015**, 37, 632-642	7.5	39
82	Iterated greedy heuristic for the time-dependent prize-collecting arc routing problem. *Computers and Industrial Engineering*, **2015**, 90, 54-66	6.4	11
81	A multi-point simulated annealing heuristic for solving multiple objective unrelated parallel machine scheduling problems. *International Journal of Production Research*, **2015**, 53, 1065-1076	7.8	36
80	Minimizing shifts for personnel task scheduling problems: A three-phase algorithm. *European Journal of Operational Research*, **2014**, 237, 323-334	5.6	19
79	Multi-start simulated annealing heuristic for the location routing problem with simultaneous pickup and delivery. *Applied Soft Computing Journal*, **2014**, 24, 284-290	7.5	52
78	Treatment outcomes of patients with different subtypes of large cell carcinoma of the lung. *Annals of Thoracic Surgery*, **2014**, 98, 1013-9	2.7	21
77	Minimizing worst-case regret of makespan on a single machine with uncertain processing and setup times. *Applied Soft Computing Journal*, **2014**, 23, 144-151	7.5	20
76	Robust single machine scheduling for minimizing total flow time in the presence of uncertain processing times. *Computers and Industrial Engineering*, **2014**, 74, 102-110	6.4	32
75	Efficient model and heuristic for the intermodal terminal location problem. *Computers and Operations Research*, **2014**, 51, 41-51	4.6	37
74	ABC-based manufacturing scheduling for unrelated parallel machines with machine-dependent and job sequence-dependent setup times. *Computers and Operations Research*, **2014**, 51, 172-181	4.6	47
73	Minimizing the total service time of discrete dynamic berth allocation problem by an iterated greedy heuristic. *Scientific World Journal, The*, **2014**, 2014, 218925	2.2	8
72	Efficient wafer sorting scheduling using a hybrid artificial immune system. *Journal of the Operational Research Society*, **2014**, 65, 169-179	2	2
71	Bi-objective reentrant hybrid flowshop scheduling: an iterated Pareto greedy algorithm. *International Journal of Production Research*, **2014**, 52, 5735-5747	7.8	35
70	Solving the dynamic berth allocation problem by simulated annealing. *Engineering Optimization*, **2014**, 46, 308-327	2	24
69	Minimizing makespan and total flowtime in permutation flowshops by a bi-objective multi-start simulated-annealing algorithm. *Computers and Operations Research*, **2013**, 40, 1625-1647	4.6	41
68	Minimising makespan in distributed permutation flowshops using a modified iterated greedy algorithm. *International Journal of Production Research*, **2013**, 51, 5029-5038	7.8	119
67	Multiprocessor task scheduling in multistage hybrid flowshops: A hybrid artificial bee colony algorithm with bi-directional planning. *Computers and Operations Research*, **2013**, 40, 1186-1195	4.6	29

66	Minimizing makespan in a blocking flowshop using a revised artificial immune system algorithm. *Omega*, **2013**, 41, 383-389	7.2	54
65	Solving the team orienteering problem using effective multi-start simulated annealing. *Applied Soft Computing Journal*, **2013**, 13, 1064-1073	7.5	51
64	A high-performing constructive heuristic for minimizing makespan in permutation flowshops. *Journal of Industrial and Production Engineering*, **2013**, 30, 355-362	1	13
63	Increasing the total net revenue for single machine order acceptance and scheduling problems using an artificial bee colony algorithm. *Journal of the Operational Research Society*, **2013**, 64, 293-311	2	40
62	Robust scheduling on a single machine to minimize total flow time. *Computers and Operations Research*, **2012**, 39, 1682-1691	4.6	52
61	A simulated annealing heuristic for the team orienteering problem with time windows. *European Journal of Operational Research*, **2012**, 217, 94-107	5.6	89
60	Metaheuristics for scheduling a no-wait flowshop manufacturing cell with sequence-dependent family setups. *International Journal of Advanced Manufacturing Technology*, **2012**, 58, 671-682	3.2	29
59	Parameter determination and feature selection for C4.5 algorithm using scatter search approach. *Soft Computing*, **2012**, 16, 63-75	3.5	26
58	Makespan minimization for scheduling unrelated parallel machines with setup times. *Journal of Intelligent Manufacturing*, **2012**, 23, 1795-1803	6.7	44
57	An intelligent algorithm with feature selection and decision rules applied to anomaly intrusion detection. *Applied Soft Computing Journal*, **2012**, 12, 3285-3290	7.5	130
56	Combining support vector machine with genetic algorithm to classify ultrasound breast tumor images. *Computerized Medical Imaging and Graphics*, **2012**, 36, 627-33	7.6	67
55	Scheduling a bi-criteria flowshop manufacturing cell with sequence-dependent family setup times. *European Journal of Industrial Engineering*, **2012**, 6, 474	1.1	19
54	Enhancing the classification accuracy by scatter-search-based ensemble approach. *Applied Soft Computing Journal*, **2011**, 11, 1021-1028	7.5	23
53	Cell formation using a simulated annealing algorithm with variable neighbourhood. *European Journal of Industrial Engineering*, **2011**, 5, 22	1.1	31
52	Meta-heuristic algorithms for wafer sorting scheduling problems. *Journal of the Operational Research Society*, **2011**, 62, 165-174	2	8
51	A simulated annealing heuristic for the truck and trailer routing problem with time windows. *Expert Systems With Applications*, **2011**, 38, 15244-15252	7.8	85
50	Parameter tuning, feature selection and weight assignment of features for case-based reasoning by artificial immune system. *Applied Soft Computing Journal*, **2011**, 11, 5042-5052	7.5	38
49	Minimization of total tardiness on unrelated parallel machines with sequence- and machine-dependent setup times under due date constraints. *International Journal of Advanced Manufacturing Technology*, **2011**, 53, 353-361	3.2	40

48	Minimization of maximum lateness on parallel machines with sequence-dependent setup times and job release dates. *Computers and Operations Research*, **2011**, 38, 809-815	4.6	36
47	Note on minimax distribution free procedure for integrated inventory model with defective goods and stochastic lead time demand. *Applied Mathematical Modelling*, **2011**, 35, 2087-2093	4.5	11
46	Inventory models with managerial policy independent of demand. *European Journal of Operational Research*, **2011**, 211, 520-524	5.6	12
45	Applying multi-start simulated annealing to schedule a flowline manufacturing cell with sequence dependent family setup times. *International Journal of Production Economics*, **2011**, 130, 246-254	9.3	30
44	A novel function approximation based on robust fuzzy regression algorithm model and particle swarm optimization. *Applied Soft Computing Journal*, **2011**, 11, 1820-1826	7.5	14
43	Service science the trend and the future core. *Journal of the Chinese Institute of Industrial Engineers*, **2011**, 28, 89-90		
42	Technical Note on(Q,r,L)Inventory Model with Defective Items. *Abstract and Applied Analysis*, **2010**, 2010, 1-8	0.7	5
41	Part-machine cell formation in group technology using a simulated annealing-based meta-heuristic. *International Journal of Production Research*, **2010**, 48, 3579-3591	7.8	14
40	Permutation and non-permutation schedules for the flowline manufacturing cell with sequence dependent family setups. *International Journal of Production Research*, **2010**, 48, 2169-2184	7.8	37
39	Scheduling jobs on dynamic parallel machines with sequence-dependent setup times. *International Journal of Advanced Manufacturing Technology*, **2010**, 47, 773-781	3.2	14
38	Applying PSO-based BPN for predicting the yield rate of DRAM modules produced using defective ICs. *International Journal of Advanced Manufacturing Technology*, **2010**, 49, 987-999	3.2	3
37	A note on the truck and trailer routing problem. *Expert Systems With Applications*, **2010**, 37, 899-903	7.8	38
36	An enhanced ant colony optimization (EACO) applied to capacitated vehicle routing problem. *Applied Intelligence*, **2010**, 32, 88-95	4.9	50
35	An ensemble approach applied to classify spam e-mails. *Expert Systems With Applications*, **2010**, 37, 2197-2201	7.8	12
34	The museum visitor routing problem. *Applied Mathematics and Computation*, **2010**, 216, 719-729	2.7	31
33	A simulated annealing heuristic for the capacitated location routing problem. *Computers and Industrial Engineering*, **2010**, 58, 288-299	6.4	195
32	Location determination of mobile devices for an indoor WLAN application using a neural network. *Knowledge and Information Systems*, **2009**, 20, 81-93	2.4	17
31	Parameter determination and feature selection for back-propagation network by particle swarm optimization. *Knowledge and Information Systems*, **2009**, 21, 249-266	2.4	24

30	Applying hybrid meta-heuristics for capacitated vehicle routing problem. *Expert Systems With Applications*, **2009**, 36, 1505-1512	7.8	74
29	Sequencing single-machine tardiness problems with sequence dependent setup times using an iterated greedy heuristic. *Expert Systems With Applications*, **2009**, 36, 7087-7092	7.8	65
28	Hybrid-directional planning: improving improvement heuristics for scheduling resource-constrained projects. *International Journal of Advanced Manufacturing Technology*, **2009**, 41, 358-366	3.2	17
27	Using new attribute construction to incorporate the expertise of human experts into a smuggling vessels classification system. *Expert Systems With Applications*, **2009**, 36, 7773-7777	7.8	4
26	Applying enhanced data mining approaches in predicting bank performance: A case of Taiwanese commercial banks. *Expert Systems With Applications*, **2009**, 36, 11543-11551	7.8	31
25	Metaheuristics for scheduling a non-permutation flowline manufacturing cell with sequence dependent family setup times. *Computers and Operations Research*, **2009**, 36, 1110-1121	4.6	41
24	Solving the truck and trailer routing problem based on a simulated annealing heuristic. *Computers and Operations Research*, **2009**, 36, 1683-1692	4.6	108
23	Raising the hit rate for wafer fabrication by a simple constructive heuristic. *Expert Systems With Applications*, **2009**, 36, 2894-2900	7.8	7
22	PSOLDA: A particle swarm optimization approach for enhancing classification accuracy rate of linear discriminant analysis. *Applied Soft Computing Journal*, **2009**, 9, 1008-1015	7.5	46
21	Using simulated annealing to schedule a flowshop manufacturing cell with sequence-dependent family setup times. *International Journal of Production Research*, **2009**, 47, 3205-3217	7.8	45
20	Applying a hybrid simulated annealing and tabu search approach to non-permutation flowshop scheduling problems. *International Journal of Production Research*, **2009**, 47, 1411-1424	7.8	38
19	Scheduling multistage hybrid flowshops with multiprocessor tasks by an effective heuristic. *International Journal of Production Research*, **2009**, 47, 3525-3538	7.8	17
18	A hybrid approach for single-machine tardiness problems with sequence-dependent setup times. *Journal of the Operational Research Society*, **2008**, 59, 1109-1119	2	19
17	A simulated-annealing-based approach for simultaneous parameter optimization and feature selection of back-propagation networks. *Expert Systems With Applications*, **2008**, 34, 1491-1499	7.8	46
16	A hybrid watermarking technique applied to digital images. *Applied Soft Computing Journal*, **2008**, 8, 798-808	7.5	39
15	Parameter determination of support vector machine and feature selection using simulated annealing approach. *Applied Soft Computing Journal*, **2008**, 8, 1505-1512	7.5	229
14	Dynamic parking negotiation and guidance using an agent-based platform. *Expert Systems With Applications*, **2008**, 35, 805-817	7.8	71
13	Particle swarm optimization for parameter determination and feature selection of support vector machines. *Expert Systems With Applications*, **2008**, 35, 1817-1824	7.8	600

List of Publications

12	Location-Aware Tour Guide Systems in Museum. *Advanced Concurrent Engineering*, **2008**, 349-356		
11	A Dynamical Ant Colony Optimization with Heuristics for Scheduling Jobs on a Single Machine with a Common Due Date. *Studies in Computational Intelligence*, **2008**, 91-103	0.8	2
10	A sequential exchange approach for minimizing earliness-tardiness penalties of single-machine scheduling with a common due date. *European Journal of Operational Research*, **2007**, 177, 1294-1301	5.6	32
9	Multi-heuristic desirability ant colony system heuristic for non-permutation flowshop scheduling problems. *International Journal of Advanced Manufacturing Technology*, **2007**, 33, 793-802	3.2	36
8	Irregular shapes classification by back-propagation neural networks. *International Journal of Advanced Manufacturing Technology*, **2007**, 34, 1164-1172	3.2	12
7	Solving single-machine total weighted tardiness problems with sequence-dependent setup times by meta-heuristics. *International Journal of Advanced Manufacturing Technology*, **2007**, 34, 1183-1190	3.2	46
6	Meta-heuristic approaches for minimizing total earliness and tardiness penalties of single-machine scheduling with a common due date. *Journal of Heuristics*, **2007**, 13, 151-165	1.9	12
5	FALSCAL: A fuzzy multidimensional scaling algorithm. *Computers and Mathematics With Applications*, **2007**, 53, 717-728	2.7	1
4	Multiprocessor task scheduling in multistage hybrid flow-shops: an ant colony system approach. *International Journal of Production Research*, **2006**, 44, 3161-3177	7.8	88
3	An efficient two-staged approach for generating block layouts. *Computers and Operations Research*, **2002**, 29, 489-504	4.6	10
2	Assessing Circularity in Three Dimensions1. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2001**, 123, 128-134	3.3	3
1	Cluster identification with parallel coordinates. *Pattern Recognition Letters*, **1999**, 20, 565-572	4.7	18