Han-Ning Chen

List of Publications by Year
in descending order

54	1,036	394421	434195
papers	citations	19	31
		h-index	g-index

54	54	54	815
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Heat treatment of titanium manufactured by selective laser melting: Microstructure and tensile properties. Journal of Materials Research and Technology, 2022, 18, 245-254.	5.8	9
2	An Inhomogeneous Grid-Based Evolutionary Algorithm for Many-Objective Optimization. IEEE Access, 2022, 10, 60459-60473.	4.2	1
3	A Novel Maximin-Based Multi-Objective Evolutionary Algorithm Using One-by-One Update Scheme for Multi-Robot Scheduling Optimization. IEEE Access, 2021, 9, 121316-121328.	4.2	10
4	Laser-Induced Graphene/MoO_2 Core-Shell Electrodes on Carbon Cloth for Integrated, High-Voltage, and In-Planar Microsupercapacitors. Advanced Materials Technologies, 2021, 6, 2000991.	5.8	24
5	A Carbon Composite Film with Three-Dimensional Reticular Structure for Electromagnetic Interference Shielding and Electro-Photo-Thermal Conversion. Materials, 2021, 14, 2423.	2.9	2
6	Numerical simulation and experimental investigation on powder transport of a new-type annular coaxial nozzle. International Journal of Advanced Manufacturing Technology, 2021, 115, 2353-2364.	3.0	10
7	Decomposition Based MOEA with Unique Subregions and Stable Matching. , 2021, , .		1
8	A Multi-population Whale Optimization Algorithm Based on Orthogonal Learning. , 2021, , .		0
9	GRU: optimization of NPI performance. Journal of Supercomputing, 2020, 76, 3542-3554.	3.6	8
10	Research on Parameter Self-Learning Unscented Kalman Filtering Algorithm and Its Application in Battery Charge of State Estimation. Energies, 2020, 13, 1679.	3.1	5
11	A modified surrogate-assisted multi-swarm artificial bee colony for complex numerical optimization problems. Microprocessors and Microsystems, 2020, 76, 103050.	2.8	8
12	An online state of health estimation method based on battery management system monitoring data. International Journal of Energy Research, 2020, 44, 6338-6349.	4.5	13
13	Multi-Swarm Multi-Objective Optimizer Based on p-Optimality Criteria for Multi-Objective Portfolio Management. Mathematical Problems in Engineering, 2019, 2019, 1-22.	1.1	3
14	LSTM with Wavelet Transform Based Data Preprocessing for Stock Price Prediction. Mathematical Problems in Engineering, 2019, 2019, 1-8.	1.1	45
15	Unmanned vehicle path planning using a novel ant colony algorithm. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	2.4	48
16	SOC estimation based on data driven exteaded Kalman filter algorithm for power battery of electric vehicle and plug-in electric vehicle. Journal of Central South University, 2019, 26, 1402-1415.	3.0	9
17	*p*-Optimality-Based Multiobjective Root System Growth Algorithms for Multiobjective Applications. Mathematical Problems in Engineering, 2019, 2019, 1-25.	1.1	0
18	Enhanced Selective Production of Carbonyl Products for Aerobic Oxidation of Benzylic Alcohols over Mesoporous Fe_2O_3 Supported Gold Nanoparticles. Catalysts, 2019, 9, 754.	3.5	3

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19	A Modified MOEAD with an Adaptive Weight Adjustment Strategy. , 2019, , .		1
20	Constraint Consensus Based Artificial Bee Colony Algorithm for Constrained Optimization Problems. Discrete Dynamics in Nature and Society, 2019, 2019, 1-24.	0.9	1
21	Microstructure and wear resistance of CoCrNbNiW high-entropy alloy coating prepared by laser melting deposition. Rare Metals, 2019, 38, 1153-1159.	7.1	34
22	Two-Level Masterâ€"Slave RFID Networks Planning via Hybrid Multiobjective Artificial Bee Colony Optimizer. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 861-880.	9.3	71
23	Lifecycle coevolution framework for many evolutionary and swarm intelligence algorithms fusion in solving complex optimization problems. Swarm and Evolutionary Computation, 2019, 47, 3-20.	8.1	4
24	A restructured artificial bee colony optimizer combining life-cycle, local search and crossover operations for droplet property prediction in printable electronics fabrication. Journal of Intelligent Manufacturing, 2018, 29, 109-134.	7.3	0
25	Droplet property optimization in printable electronics fabrication using root system growth algorithm. Computers and Industrial Engineering, 2018, 125, 592-603.	6.3	4
26	Optimal layout and deployment for RFID system using a novel hybrid artificial bee colony optimizer based on bee life-cycle model. Soft Computing, 2017, 21, 4055-4083.	3.6	8
27	Dynamic population artificial bee colony algorithm for multi-objective optimal power flow. Saudi Journal of Biological Sciences, 2017, 24, 703-710.	3.8	26
28	Root system growth biomimicry for global optimization models and emergent behaviors. Soft Computing, 2017, 21, 7485-7502.	3.6	2
29	Biomimicry of symbiotic multi-species coevolution for discrete and continuous optimization in RFID networks. Saudi Journal of Biological Sciences, 2017, 24, 610-621.	3.8	5
30	A novel comprehensive learning artificial bee colony optimizer for dynamic optimization biological problems. Saudi Journal of Biological Sciences, 2017, 24, 695-702.	3.8	7
31	Multispecies Coevolution Particle Swarm Optimization Based on Previous Search History. Discrete Dynamics in Nature and Society, 2017, 2017, 1-22.	0.9	1
32	Artificial Plant Root System Growth for Distributed Optimization: Models and Emergent Behaviors. Open Life Sciences, 2016, 11, 447-457.	1.4	2
33	Artificial Bee Colony Optimizer Based on Bee Life-Cycle for Stationary and Dynamic Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, , 1-20.	9.3	21
34	Multi-species particle swarms optimization based on orthogonal learning and its application for optimal design of a butterfly-shaped patch antenna. Journal of Central South University, 2016, 23, 2048-2062.	3.0	1
35	A Cooperative Coevolutionary Artificial Bee Colony Algorithm for Multi-Objective Optimization. Journal of Computational and Theoretical Nanoscience, 2016, 13, 6258-6266.	0.4	2
36	Artificial Bee Colony Algorithm Based on‹mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"›‹mml:mrow›‹mml:mi›K‹/mml:mi›‹/mml:mrow›‹/mml:math›-Means Clustering for Multiobjective Optimal Power Flow Problem. Mathematical Problems in Engineering, 2015, 2015, 1-18.	1.1	3

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37	Analysis of DoD inkjet printhead performance for printable electronics fabrication using dynamic lumped element modeling and swarm intelligence based optimal prediction. Journal of Central South University, 2015, 22, 3925-3934.	3.0	9
38	Root system growth for global optimization. , 2015, , .		0
39	Drop-on-Demand Inkjet Printhead Performance Enhancement by Dynamic Lumped Element Modeling for Printable Electronics Fabrication. Mathematical Problems in Engineering, 2014, 2014, 1-16.	1.1	3
40	Discrete and Continuous Optimization Based on Hierarchical Artificial Bee Colony Optimizer. Journal of Applied Mathematics, 2014, 2014, 1-20.	0.9	11
41	Cooperative artificial bee colony algorithm for multi-objective RFID network planning. Journal of Network and Computer Applications, 2014, 42, 143-162.	9.1	99
42	Root growth model: a novel approach to numerical function optimization and simulation of plant root system. Soft Computing, 2014, 18, 521-537.	3.6	26
43	Multi-hive bee foraging algorithm for multi-objective optimal power flow considering the cost, loss, and emission. International Journal of Electrical Power and Energy Systems, 2014, 60, 203-220.	5.5	38
44	Bacterial colony foraging optimization. Neurocomputing, 2014, 137, 268-284.	5.9	24
45	An Adaptive Bacterial Foraging Optimization Algorithm with Lifecycle and Social Learning. Discrete Dynamics in Nature and Society, 2012, 2012, 1-20.	0.9	23
46	RFID network planning using a multi-swarm optimizer. Journal of Network and Computer Applications, 2011, 34, 888-901.	9.1	91
47	Adaptive Bacterial Foraging Optimization. Abstract and Applied Analysis, 2011, 2011, 1-27.	0.7	70
48	Discrete and continuous optimization based on multi-swarm coevolution. Natural Computing, 2010, 9, 659-682.	3.0	26
49	Multi-colony bacteria foraging optimization with cell-to-cell communication for RFID network planning. Applied Soft Computing Journal, 2010, 10, 539-547.	7.2	112
50	Hierarchical Swarm Model: A New Approach to Optimization. Discrete Dynamics in Nature and Society, 2010, 2010, 1-30.	0.9	29
51	Cooperative Bacterial Foraging Optimization. Discrete Dynamics in Nature and Society, 2009, 2009, 1-17.	0.9	40
52	Optimization based on symbiotic multi-species coevolution. Applied Mathematics and Computation, 2008, 205, 47-60.	2.2	40
53	Microstructure and Biomechanical Properties in Selective Laser Melting of Porous Metal Implants. 3D Printing and Additive Manufacturing, 0, , .	2.9	1
54	A Novel Cooperation Multi-Objective Optimization Approach: Multi-Swarm Multi-Objective Evolutionary Algorithm Based on Decomposition (MSMOEA/D). Frontiers in Energy Research, 0, 10, .	2.3	2