Bin Ji

List of Publications by Year
in descending order

24 papers	766 citations	623734 14 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	595 citing authors

#	Article	IF	Citations
1	Design of a fractional order PID controller for hydraulic turbine regulating system using chaotic non-dominated sorting genetic algorithm II. Energy Conversion and Management, 2014, 84, 390-404.	9.2	192
2	A new approach for unit commitment problem via binary gravitational search algorithm. Applied Soft Computing Journal, 2014, 22, 249-260.	7.2	95
3	Application of quantum-inspired binary gravitational search algorithm for thermal unit commitment with wind power integration. Energy Conversion and Management, 2014, 87, 589-598.	9.2	71
4	An improved artificial physical optimization algorithm for dynamic dispatch of generators with valve-point effects and wind power. Energy Conversion and Management, 2014, 82, 92-105.	9.2	51
5	Modified NSGA-II for Solving Continuous Berth Allocation Problem: Using Multiobjective Constraint-Handling Strategy. IEEE Transactions on Cybernetics, 2017, 47, 2885-2895.	9.5	45
6	Orthogonal Design-Based NSGA-III for the Optimal Lockage Co-Scheduling Problem. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2085-2095.	8.0	36
7	Discretization-Strategy-Based Solution for Berth Allocation and Quay Crane Assignment Problem. Journal of Marine Science and Engineering, 2022, 10, 495.	2.6	33
8	Lockage scheduling of Three Gorges-Gezhouba dams by hybrid of chaotic particle swarm optimization and heuristic-adjusted strategies. Applied Mathematics and Computation, 2015, 270, 74-89.	2.2	25
9	Co-scheduling of lock and water–land transshipment for ships passing the dam. Applied Soft Computing Journal, 2016, 45, 150-162.	7.2	25
10	A Hybrid Intelligent Approach for Co-Scheduling of Cascaded Locks With Multiple Chambers. IEEE Transactions on Cybernetics, 2019, 49, 1236-1248.	9.5	25
11	Exact and heuristic methods for optimizing lock-quay system in inland waterway. European Journal of Operational Research, 2019, 277, 740-755.	5.7	24
12	An adaptive tabu search algorithm embedded with iterated local search and route elimination for the bike repositioning and recycling problem. Computers and Operations Research, 2020, 123, 105035.	4.0	21
13	Multiscaling Analysis of Monthly Runoff Series Using Improved MF-DFA Approach. Water Resources Management, 2014, 28, 3891-3903.	3.9	19
14	Hybrid Multi-Objective Optimization Approach With Pareto Local Search for Collaborative Truck-Drone Routing Problems Considering Flexible Time Windows. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13011-13025.	8.0	17
15	Coordinated optimized scheduling of locks and transshipment in inland waterway transportation using binary NSGA‑I. International Transactions in Operational Research, 2020, 27, 1501-1525.	2.7	13
16	An enhanced neighborhood search algorithm for solving the split delivery vehicle routing problem with two-dimensional loading constraints. Computers and Industrial Engineering, 2021, 162, 107720.	6.3	11
17	A Binary Borg-Based Heuristic Method for Solving a Multi-Objective Lock and Transshipment Co-Scheduling Problem. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 947-958.	8.0	10
18	An Adaptive Large Neighborhood Search for Solving Generalized Lock Scheduling Problem: Comparative Study With Exact Methods. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3344-3356.	8.0	10

#	Article	IF	Citations
19	Optimally solving the generalized serial-lock scheduling problem from a graph-theory-based multi-commodity network perspective. European Journal of Operational Research, 2021, 288, 47-62.	5.7	9
20	An exact approach to the generalized serial-lock scheduling problem from a flexible job-shop scheduling perspective. Computers and Operations Research, 2021, 127, 105164.	4.0	9
21	Mathematical programming models for scheduling multiple cascaded waterway locks. Computers and Industrial Engineering, 2021, 156, 107289.	6.3	8
22	A Novel Scattered Storage Policy Considering Commodity Classification and Correlation in Robotic Mobile Fulfillment Systems. IEEE Transactions on Automation Science and Engineering, 2023, 20, 1020-1033.	5.2	8
23	Integrated Optimization of the Location–Inventory Problem of Maintenance Component Distribution for High-Speed Railway Operations. Sustainability, 2020, 12, 5447.	3.2	7
24	A Multi-objective Constraint-handling based Approach for Short-term Hydro-thermal-wind Co-scheduling Problem. , 2020, , .		2