

# Peng Wu

## List of Publications by Year in descending order

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62  
papers

1,855  
citations

304743

22  
h-index

265206

42  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1864  
citing authors

#	ARTICLE	IF	CITATIONS
1	A bi-objective decision model and method for the integrated optimization of bus line planning and lane reservation. <i>Journal of Combinatorial Optimization</i> , 2022, 43, 1298-1327.	1.3	8
2	Interval-Valued Intuitionistic Uncertain Linguistic Cloud Petri Net and Its Application to Risk Assessment for Subway Fire Accident. <i>IEEE Transactions on Automation Science and Engineering</i> , 2022, 19, 163-177.	5.2	54
3	Optimizing Locations and Qualities of Multiple Facilities With Competition via Intelligent Search. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 5092-5105.	8.0	9
4	Novel distribution-free model and method for stochastic disassembly line balancing with limited distributional information. <i>Journal of Combinatorial Optimization</i> , 2022, 43, 1423-1446.	1.3	2
5	Novel efficient formulation and matheuristic for large-sized unrelated parallel machine scheduling with release dates. <i>International Journal of Production Research</i> , 2022, 60, 6104-6123.	7.5	6
6	Fe-Co based synergistic catalytic graphitization of biomass: Influence of the catalyst type and the pyrolytic temperature. <i>Energy</i> , 2022, 239, 122262.	8.8	25
7	Order Assignment and Scheduling for Personal Protective Equipment Production During the Outbreak of Epidemics. <i>IEEE Transactions on Automation Science and Engineering</i> , 2022, 19, 692-708.	5.2	7
8	Non-monotonic variation of flow strength in nanochannels grafted with end-charged polyelectrolyte layers. <i>RSC Advances</i> , 2022, 12, 4061-4071.	3.6	0
9	Na <sub>0.78</sub> CoO <sub>2</sub> as a novel microwave absorbing material. <i>Ceramics International</i> , 2022, 48, 8740-8745.	4.8	4
10	Novel Formulations and Logic-Based Benders Decomposition for the Integrated Parallel Machine Scheduling and Location Problem. <i>INFORMS Journal on Computing</i> , 2022, 34, 1048-1069.	1.7	17
11	Novel Formulations and Improved Differential Evolution Algorithm for Optimal Lane Reservation With Task Merging. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 21329-21344.	8.0	9
12	An integrated approach for a new flexible multi-product disassembly line balancing problem. <i>Computers and Operations Research</i> , 2022, 148, 105932.	4.0	7
13	Cost-Profit Trade-Off for Optimally Locating Automotive Service Firms Under Uncertainty. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 1014-1025.	8.0	10
14	Large-scale energy-conscious bi-objective single-machine batch scheduling under time-of-use electricity tariffs via effective iterative heuristics. <i>Annals of Operations Research</i> , 2021, 296, 471-494.	4.1	16
15	Critical airports of the world air sector network based on the centrality and entropy theory. <i>International Journal of Modern Physics B</i> , 2021, 35, 2150081.	2.0	5
16	Analysis of the attention to COVID-19 epidemic based on visibility graph network. <i>Modern Physics Letters B</i> , 2021, 35, 2150316.	1.9	6
17	Performance Evaluation of Combining with Medical and Old-Age Care in Pension Institutions of China: A Two-Stage Data Envelopment Analysis. <i>Risk Management and Healthcare Policy</i> , 2021, Volume 14, 4211-4222.	2.5	8
18	Optimal Design of Reserved Lanes for Automated Truck Considering User Equilibrium. , 2021, , .		1

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19	Dual-Objective Optimization for Lane Reservation With Residual Capacity and Budget Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2187-2197.	9.3	24
20	Measuring regional transport sustainability using super-efficiency SBM-DEA with weighting preference. Journal of Cleaner Production, 2020, 242, 118474.	9.3	117
21	The thermo-mechanical properties and ferroelastic phase transition of $\text{RE}_{1-x}\text{Y}_x\text{TaO}_4$ ( $\text{RE}=\text{Y, La}$ ). Journal of Applied Ceramic Technology, 2019, 16, 230-242.	3.8	36
22	Retailer's Optimal Procurement Strategy under Supply Disruption and Stochastic Demand: Backup Sourcing or Simultaneous Sourcing. Complexity, 2020, 2020, 1-15.	1.6	1
23	Sailing Route and Speed Optimization for Green Intermodal Transportation. , 2020, , .		2
24	Investigation of the thermophysical properties of $(\text{Y}_{1-x}\text{Yb}_x)\text{TaO}_4$ ceramics. Journal of the European Ceramic Society, 2020, 40, 3111-3121.	5.7	18
25	Determining the Optimal Location of Vehicle Inspection Facilities Under Uncertainty via New Optimization Approaches. IEEE Access, 2020, 8, 38229-38238.	4.2	1
26	A decision model and method for the bi-objective parallel machine Scheduling problem. , 2020, , .		3
27	A Multi-objective Emergency Scheduling Model for Forest Fires with Priority Areas. , 2020, , .		2
28	The effect of $\text{ZrO}_2$ alloying on the microstructures and thermal properties of $\text{DyTaO}_4$ for high-temperature application. Journal of the American Ceramic Society, 2019, 102, 889-895.	3.8	16
29	Optimization thermophysical properties of $\text{TiO}_2$ alloying $\text{Sm}_3\text{TaO}_7$ ceramics as promising thermal barrier coatings. International Journal of Applied Ceramic Technology, 2019, 16, 230-242.	2.1	21
30	Thermal expansion performance and intrinsic lattice thermal conductivity of ferroelastic $\text{RETaO}_4$ ceramics. Journal of the American Ceramic Society, 2019, 102, 4809-4821.	3.8	88
31	Structure and thermal properties of $\text{Al}_2\text{O}_3$ -doped $\text{Gd}_3\text{TaO}_7$ as potential thermal barrier coating. Journal of the European Ceramic Society, 2019, 39, 2210-2214.	5.7	35
32	Hydrodynamic Properties of Polymers Screening the Electrokinetic Flow: Insights from a Computational Study. Polymers, 2019, 11, 1038.	4.5	4
33	Theoretical and experimental investigations of mechanical properties for polymorphous $\text{YTbO}_4$ ceramics. Journal of the American Ceramic Society, 2019, 102, 7656-7664.	3.8	30
34	A fuzzy goal programming approach for solving fuzzy multi-objective stochastic linear programming problem. , 2019, , .		1
35	Mixed-integer programming for unrelated parallel machines scheduling problem considering electricity cost and makespan penalty cost. , 2019, , .		0
36	A New Efficient Algorithm for Hazardous Material Transportation Problem via Lane Reservation. IEEE Access, 2019, 7, 175290-175301.	4.2	11

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37	A bi-objective model for bus transit network and lane reservation integrated optimization. , 2019, , .		1
38	A decision model for optimal lane reservation with task merging and residual capacity constraints. , 2019, , .		0
39	Environmental performance of Chinese listing manufacturing enterprise: from investment perspective. Environmental Science and Pollution Research, 2019, 26, 6625-6635.	5.3	12
40	Resourceâ€œConstrained Emergency Scheduling for Forest Fires with Priority Areas: An Efficient Integerâ€œProgramming Approach. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 261-270.	1.4	18
41	Effect of Al <sup>3+</sup> doping on mechanical and thermal properties of DyTaO <sub>4</sub> as promising thermal barrier coating application. Journal of the American Ceramic Society, 2018, 101, 1818-1823.	3.8	32
42	The glass-like thermal conductivity in ZrO <sub>2</sub> -Dy <sub>3</sub> TaO <sub>7</sub> ceramic for promising thermal barrier coating application. Applied Physics Letters, 2018, 112, .	3.3	39
43	Bi-Objective Scheduling of Fire Engines for Fighting Forest Fires: New Optimization Approaches. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 1140-1151.	8.0	42
44	Optimal lane reservation via new optimization model and heuristic algorithm. , 2018, , .		2
45	Investigation on microstructures and thermo-physical properties of ferroelastic (Y <sub>1-x</sub> Dy <sub>x</sub> )TaO <sub>4</sub> ceramics. Materialia, 2018, 4, 478-486.	2.7	25
46	Model and solution for lane reservation problem with optimally grouping tasks. , 2018, , .		1
47	Potential thermal barrier coating materials: RE <sub>3</sub> NbO <sub>7</sub> (RE=La, Nd, Sm, Eu, Gd, Dy) ceramics. Journal of the American Ceramic Society, 2018, 101, 4503-4508.	3.8	66
48	Ultralow Thermal Conductivity and Ultrahigh Thermal Expansion of Single-Crystal Organicâ€œInorganic Hybrid Perovskite CH <sub>3</sub> NH <sub>3</sub> PbX <sub>3</sub> (X = Cl, Br, I). Journal of Physical Chemistry C, 2018, 122, 15973-15978.	3.1	93
49	Optimal bus lane reservation with uncertain impact. , 2018, , .		5
50	Synthesis and thermophysics properties of ferroelastic SmNb <sub>1-x</sub> Ta <sub>x</sub> O <sub>4</sub> ceramics. Ceramics International, 2018, 44, 13999-14006.	4.8	17
51	Bi-criteria single-machine batch scheduling with machine on/off switching under time-of-use tariffs. Computers and Industrial Engineering, 2017, 112, 721-734.	6.3	71
52	An efficient two-phase exact algorithm for the automated truck freight transportation problem. Computers and Industrial Engineering, 2017, 110, 59-66.	6.3	27
53	Exact and Heuristic Algorithms for Rapid and Station Arrival-Time Guaranteed Bus Transportation via Lane Reservation. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2028-2043.	8.0	34
54	Model for the multiple depots heterogeneous dial-aride problem with flexible depots. , 2017, , .		0

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55	Improved Quantum-Inspired Evolutionary Algorithm for Large-Size Lane Reservation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 1535-1548.	9.3	79
56	An Improved Exact $\epsilon$ -Constraint and Cut-and-Solve Combined Method for Biobjective Robust Lane Reservation. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 1479-1492.	8.0	64
57	A bus lane reservation problem in urban bus transit network. , 2014, , .		8
58	Accelerating charging dynamics in subnanometre pores. Nature Materials, 2014, 13, 387-393.	27.5	303
59	Voltage Dependent Charge Storage Modes and Capacity in Subnanometer Pores. Journal of Physical Chemistry Letters, 2012, 3, 1732-1737.	4.6	77
60	Complex Capacitance Scaling in Ionic Liquids-Filled Nanopores. ACS Nano, 2011, 5, 9044-9051.	14.6	188
61	Physical origins of apparently enhanced viscosity of interfacial fluids in electrokinetic transport. Physics of Fluids, 2011, 23, .	4.0	39
62	Impacts of expiration date on optimal ordering policy for deteriorating items under two-level trade credit: Quantity loss and quality loss. Journal of the Operational Research Society, 0, , 1-34.	3.4	3