

Yong-Hong Kuo

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,248
citations

566801

15
h-index

395343

33
g-index

60
all docs

60
docs citations

60
times ranked

1234
citing authors

#	ARTICLE	IF	CITATIONS
1	A survey of dial-a-ride problems: Literature review and recent developments. <i>Transportation Research Part B: Methodological</i> , 2018, 111, 395-421.	2.8	294
2	Incorporating institutional and spatial factors in the selection of the optimal locations of public electric vehicle charging facilities: A case study of Beijing, China. <i>Transportation Research Part C: Emerging Technologies</i> , 2016, 67, 131-148.	3.9	153
3	From data to big data in production research: the past and future trends. <i>International Journal of Production Research</i> , 2019, 57, 4828-4853.	4.9	132
4	Improving the efficiency of a hospital emergency department: a simulation study with indirectly imputed service-time distributions. <i>Flexible Services and Manufacturing Journal</i> , 2016, 28, 120-147.	1.9	58
5	Public transport for smart cities: Recent innovations and future challenges. <i>European Journal of Operational Research</i> , 2023, 306, 1001-1026.	3.5	46
6	A decision support framework for home health care transportation with simultaneous multi-vehicle routing and staff scheduling synchronization. <i>Decision Support Systems</i> , 2020, 138, 113361.	3.5	42
7	Reinforcement learning for logistics and supply chain management: Methodologies, state of the art, and future opportunities. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2022, 162, 102712.	3.7	41
8	An Integrated Approach of Machine Learning and Systems Thinking for Waiting Time Prediction in an Emergency Department. <i>International Journal of Medical Informatics</i> , 2020, 139, 104143.	1.6	34
9	The Supply Chain Design for Perishable Food with Stochastic Demand. <i>Sustainability</i> , 2017, 9, 1195.	1.6	30
10	Appointment overbooking with different time slot structures. <i>Computers and Industrial Engineering</i> , 2018, 124, 237-248.	3.4	24
11	Scheduling of Multi-skilled Staff Across Multiple Locations. <i>Production and Operations Management</i> , 2014, 23, 626-644.	2.1	22
12	Supply Chain Cooperation with Price-Sensitive Demand and Environmental Impacts. <i>Sustainability</i> , 2016, 8, 716.	1.6	21
13	RFID analytics for hospital ward management. <i>Flexible Services and Manufacturing Journal</i> , 2016, 28, 593-616.	1.9	21
14	Digital twin-enabled smart industrial systems: recent developments and future perspectives. <i>International Journal of Computer Integrated Manufacturing</i> , 2021, 34, 685-689.	2.9	18
15	The spatial planning of public electric vehicle charging infrastructure in a high-density city using a contextualised location-allocation model. <i>Transportation Research, Part A: Policy and Practice</i> , 2022, 160, 21-44.	2.0	18
16	Integrating simulation with simulated annealing for scheduling physicians in an understaffed emergency department. <i>HKIE Transactions</i> , 2014, 21, 253-261.	1.9	16
17	Medical appointment overbooking and optimal scheduling: tradeoffs between schedule efficiency and accessibility to service. <i>Flexible Services and Manufacturing Journal</i> , 2020, 32, 72-101.	1.9	15
18	Target-oriented robust location-transportation problem with service-level measure. <i>Transportation Research Part B: Methodological</i> , 2021, 153, 1-20.	2.8	15

#	ARTICLE	IF	CITATIONS
19	A combined zone-LP and simulated annealing algorithm for unequal-area facility layout problem. <i>Advances in Production Engineering and Management</i> , 2016, 11, 259-270.	0.8	14
20	Vehicle routing problems with drones equipped with multi-package payload compartments. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2022, 164, 102757.	3.7	14
21	Simulation with data scarcity: Developing a simulation model of a hospital emergency department. , 2012, , .		13
22	Using Simulation to Analyze Patient Flows in a Hospital Emergency Department in Hong Kong. <i>Springer Proceedings in Mathematics and Statistics</i> , 2014, , 289-301.	0.1	13
23	Outbreak minimization v.s. influence maximization: an optimization framework. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 266.	1.5	13
24	A Fuzzy-Based Product Life Cycle Prediction for Sustainable Development in the Electric Vehicle Industry. <i>Energies</i> , 2020, 13, 3918.	1.6	13
25	From Preparedness to Recovery: A Tri-Level Programming Model for Disaster Relief Planning. <i>Lecture Notes in Computer Science</i> , 2013, , 213-228.	1.0	13
26	Indoor Air Monitoring Platform and Personal Health Reporting System: Big Data Analytics for Public Health Research. , 2015, , .		10
27	Tracking Nosocomial Diseases at Individual Level with a Real-Time Indoor Positioning System. <i>Journal of Medical Systems</i> , 2018, 42, 222.	2.2	10
28	Utilizing Real-Time Travel Information, Mobile Applications and Wearable Devices for Smart Public Transportation. , 2016, , .		9
29	Dynamic demand-driven bike station clustering. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2022, 160, 102656.	3.7	9
30	Embracing Big Data for Simulation Modelling of Emergency Department Processes and Activities. , 2015, , .		8
31	A Real-Time Decision Support Tool for Disaster Response: A Mathematical Programming Approach. , 2015, , .		8
32	A dissimilarities balance model for a multi-skilled multi-location food safety inspector scheduling problem. <i>IIE Transactions</i> , 2016, 48, 235-251.	2.1	8
33	Data Visualization with IBM Watson Analytics for Global Cancer Trends Comparison from World Health Organization. <i>International Journal of Healthcare Information Systems and Informatics</i> , 2018, 13, 45-54.	1.0	8
34	Cyber-physical spatial temporal analytics for digital twin-enabled smart contact tracing. <i>Industrial Management and Data Systems</i> , 2021, 121, 1082-1106.	2.2	8
35	Using simulation to assess the impacts of the adoption of a fast-track system for hospital emergency services. <i>Journal of Advanced Mechanical Design, Systems and Manufacturing</i> , 2018, 12, JAMDSM0073-JAMDSM0073.	0.3	7
36	Joint inspection and inventory control for deteriorating items with time-dependent demand and deteriorating rate. <i>Annals of Operations Research</i> , 2021, 300, 225-265.	2.6	6

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37	Dynamic appointment scheduling for outpatient clinics with multiple physicians and patient choice. <i>Journal of Management Science and Engineering</i> , 2022, 7, 19-35.	1.9	6
38	Real-Time Location-Positioning Technologies for Managing Cart Operations at a Distribution Facility. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4049.	1.3	6
39	A data analytic-based logistics modelling framework for E-commerce enterprise. <i>Enterprise Information Systems</i> , 2023, 17, .	3.3	6
40	Blood Pressure Monitoring on the Cloud System in Elderly Community Centres: A Data Capturing Platform for Application Research in Public Health. , 2016, , .		5
41	Smart transportation and analytics. <i>Transportmetrica B</i> , 2018, 6, 1-3.	1.4	5
42	Using simulation to examine appointment overbooking schemes for a medical imaging center. , 2015, , .		4
43	Push or Pull? Perishable Products with Freshness-Keeping Effort. <i>Asia-Pacific Journal of Operational Research</i> , 2019, 36, 1950008.	0.9	4
44	A target-based distributionally robust model for the parallel machine scheduling problem. <i>International Journal of Production Research</i> , 2022, 60, 6728-6749.	4.9	4
45	On the mixed set covering, packing and partitioning polytope. <i>Discrete Optimization</i> , 2016, 22, 162-182.	0.6	3
46	Personal Wearable Devices to Measure Heart Rate Variability. , 2017, , .		3
47	Investigation of Taylor-Görtler-like Vortices Using the Parallel Consistent Splitting Scheme. <i>Advances in Applied Mathematics and Mechanics</i> , 2009, 1, 799-815.	0.7	3
48	A Data Capturing Platform in the Cloud for Behavioral Analysis among Smokers: An Application Platform for Public Health Research. , 2015, , .		2
49	Blood Pressure Management with Data Capturing in the Cloud among Hypertensive Patients: A Monitoring Platform for Hypertensive Patients. , 2015, , .		2
50	Using Simulation to Examine the Effect of Physician Heterogeneity on the Operational Efficiency of an Overcrowded Hospital Emergency Department. <i>Journal of Physics: Conference Series</i> , 2015, 616, 012017.	0.3	2
51	How Do Missing Patients Aggravate Emergency Department Overcrowding? A Real Case and a Simulation Study. <i>Springer Proceedings in Mathematics and Statistics</i> , 2016, , 167-177.	0.1	2
52	Clustering-based iterative heuristic framework for a non-emergency patients transportation problem. <i>Journal of Transport and Health</i> , 2022, 26, 101411.	1.1	2
53	Modeling and evaluation of overbooking rules for primary health care clinic with different patient behavior. , 2016, , .		1
54	Scheduling of Patients in Emergency Departments with a Variable Neighborhood Search. <i>Lecture Notes in Computer Science</i> , 2021, , 138-151.	1.0	1

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55	Appointment Overbooking and Scheduling: Tradeoffs Between Schedule Efficiency and Timely Access to Service. Springer Proceedings in Mathematics and Statistics, 2017, , 245-255.	0.1	1
56	Rehabilitation staff scheduling in senior daytime care facility with feeling of physical/mental workloads and movements. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2020, 14, JAMDSM0077-JAMDSM0077.	0.3	1
57	Optimizing Operatorâ€™s and Usersâ€™ Objectives in Non-emergency Patients Transportation. Springer Proceedings in Mathematics and Statistics, 2020, , 13-23.	0.1	1
58	3-Party Loan Contract Based Purchase-Order Financing. , 2014, , .		0
59	Dynamic modelling and optimisation of transportation systems in the connected era. Transportmetrica B, 2020, , 1-2.	1.4	0