

# 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 data analytic-based logistics modelling framework for E-commerce enterprise. <i>Enterprise Information Systems</i> , 2023, 17, .	3.3	6
2	Public transport for smart cities: Recent innovations and future challenges. <i>European Journal of Operational Research</i> , 2023, 306, 1001-1026.	3.5	46
3	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
4	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
5	Dynamic demand-driven bike station clustering. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2022, 160, 102656.	3.7	9
6	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
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	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
9	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
10	Scheduling of Patients in Emergency Departments with a Variable Neighborhood Search. <i>Lecture Notes in Computer Science</i> , 2021, , 138-151.	1.0	1
11	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
12	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
13	Real-Time Location-Positioning Technologies for Managing Cart Operations at a Distribution Facility. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4049.	1.3	6
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	Target-oriented robust locationâ€“transportation problem with service-level measure. <i>Transportation Research Part B: Methodological</i> , 2021, 153, 1-20.	2.8	15
16	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
17	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
18	Dynamic modelling and optimisation of transportation systems in the connected era. <i>Transportmetrica B</i> , 2020, , 1-2.	1.4	0

#	ARTICLE	IF	CITATIONS
19	Outbreak minimization v.s. influence maximization: an optimization framework. BMC Medical Informatics and Decision Making, 2020, 20, 266.	1.5	13
20	A Fuzzy-Based Product Life Cycle Prediction for Sustainable Development in the Electric Vehicle Industry. Energies, 2020, 13, 3918.	1.6	13
21	An Integrated Approach of Machine Learning and Systems Thinking for Waiting Time Prediction in an Emergency Department. International Journal of Medical Informatics, 2020, 139, 104143.	1.6	34
22	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
23	Optimizing Operatorâ€™s and Usersâ€™ Objectives in Non-emergency Patients Transportation. Springer Proceedings in Mathematics and Statistics, 2020, , 13-23.	0.1	1
24	Push or Pull? Perishable Products with Freshness-Keeping Effort. Asia-Pacific Journal of Operational Research, 2019, 36, 1950008.	0.9	4
25	From data to big data in production research: the past and future trends. International Journal of Production Research, 2019, 57, 4828-4853.	4.9	132
26	A survey of dial-a-ride problems: Literature review and recent developments. Transportation Research Part B: Methodological, 2018, 111, 395-421.	2.8	294
27	Smart transportation and analytics. Transportmetrica B, 2018, 6, 1-3.	1.4	5
28	Data Visualization with IBM Watson Analytics for Global Cancer Trends Comparison from World Health Organization. International Journal of Healthcare Information Systems and Informatics, 2018, 13, 45-54.	1.0	8
29	Tracking Nosocomial Diseases at Individual Level with a Real-Time Indoor Positioning System. Journal of Medical Systems, 2018, 42, 222.	2.2	10
30	Appointment overbooking with different time slot structures. Computers and Industrial Engineering, 2018, 124, 237-248.	3.4	24
31	Using simulation to assess the impacts of the adoption of a fast-track system for hospital emergency services. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2018, 12, JAMDSM0073-JAMDSM0073.	0.3	7
32	Personal Wearable Devices to Measure Heart Rate Variability. , 2017, , .		3
33	The Supply Chain Design for Perishable Food with Stochastic Demand. Sustainability, 2017, 9, 1195.	1.6	30
34	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
35	Improving the efficiency of a hospital emergency department: a simulation study with indirectly imputed service-time distributions. Flexible Services and Manufacturing Journal, 2016, 28, 120-147.	1.9	58
36	Supply Chain Cooperation with Price-Sensitive Demand and Environmental Impacts. Sustainability, 2016, 8, 716.	1.6	21

#	ARTICLE	IF	CITATIONS
37	Modeling and evaluation of overbooking rules for primary health care clinic with different patient behavior. , 2016, , .		1
38	Incorporating institutional and spatial factors in the selection of the optimal locations of public electric vehicle charging facilities: A case study of Beijing, China. Transportation Research Part C: Emerging Technologies, 2016, 67, 131-148.	3.9	153
39	On the mixed set covering, packing and partitioning polytope. Discrete Optimization, 2016, 22, 162-182.	0.6	3
40	Utilizing Real-Time Travel Information, Mobile Applications and Wearable Devices for Smart Public Transportation. , 2016, , .		9
41	Blood Pressure Monitoring on the Cloud System in Elderly Community Centres: A Data Capturing Platform for Application Research in Public Health. , 2016, , .		5
42	RFID analytics for hospital ward management. Flexible Services and Manufacturing Journal, 2016, 28, 593-616.	1.9	21
43	A dissimilarities balance model for a multi-skilled multi-location food safety inspector scheduling problem. IIE Transactions, 2016, 48, 235-251.	2.1	8
44	A combined zone-LP and simulated annealing algorithm for unequal-area facility layout problem. Advances in Production Engineering and Management, 2016, 11, 259-270.	0.8	14
45	How Do Missing Patients Aggravate Emergency Department Overcrowding? A Real Case and a Simulation Study. Springer Proceedings in Mathematics and Statistics, 2016, , 167-177.	0.1	2
46	Using simulation to examine appointment overbooking schemes for a medical imaging center. , 2015, , .		4
47	A Data Capturing Platform in the Cloud for Behavioral Analysis among Smokers: An Application Platform for Public Health Research. , 2015, , .		2
48	Blood Pressure Management with Data Capturing in the Cloud among Hypertensive Patients: A Monitoring Platform for Hypertensive Patients. , 2015, , .		2
49	Indoor Air Monitoring Platform and Personal Health Reporting System: Big Data Analytics for Public Health Research. , 2015, , .		10
50	Embracing Big Data for Simulation Modelling of Emergency Department Processes and Activities. , 2015, , .		8
51	A Real-Time Decision Support Tool for Disaster Response: A Mathematical Programming Approach. , 2015, , .		8
52	Using Simulation to Examine the Effect of Physician Heterogeneity on the Operational Efficiency of an Overcrowded Hospital Emergency Department. Journal of Physics: Conference Series, 2015, 616, 012017.	0.3	2
53	Integrating simulation with simulated annealing for scheduling physicians in an understaffed emergency department. HKIE Transactions, 2014, 21, 253-261.	1.9	16
54	Using Simulation to Analyze Patient Flows in a Hospital Emergency Department in Hong Kong. Springer Proceedings in Mathematics and Statistics, 2014, , 289-301.	0.1	13

#	ARTICLE	IF	CITATIONS
55	Scheduling of Multi-skilled Staff Across Multiple Locations. <i>Production and Operations Management</i> , 2014, 23, 626-644.	2.1	22
56	3-Party Loan Contract Based Purchase-Order Financing. , 2014, , .		0
57	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
58	Simulation with data scarcity: Developing a simulation model of a hospital emergency department. , 2012, , .		13
59	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