

# Shih-Fen Cheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2106932/publications.pdf>

Version: 2024-02-01

33  
papers

319  
citations

1307594

7  
h-index

1474206

9  
g-index

33  
all docs

33  
docs citations

33  
times ranked

327  
citing authors

#	ARTICLE	IF	CITATIONS
1	CoSIGN: A Parallel Algorithm for Coordinated Traffic Signal Control. IEEE Transactions on Intelligent Transportation Systems, 2006, 7, 551-564.	8.0	50
2	TASKer. , 2016, , .		42
3	Campus-Scale Mobile Crowd-Tasking. , 2016, , .		35
4	A State Aggregation Approach for Stochastic Multiperiod Last-Mile Ride-Sharing Problems. Transportation Science, 2019, 53, 148-166.	4.4	26
5	Walverine: a Walrasian trading agent. Decision Support Systems, 2005, 39, 169-184.	5.9	24
6	TaxiSim: A Multiagent Simulation Platform for Evaluating Taxi Fleet Operations. , 2011, , .		24
7	Achieving Economic and Environmental Sustainabilities in Urban Consolidation Center With Bicriteria Auction. IEEE Transactions on Automation Science and Engineering, 2016, 13, 1471-1479.	5.2	15
8	Obfuscation At-Source. , 2018, 2, 1-24.		15
9	Multi-agent orienteering problem with time-dependent capacity constraints. Web Intelligence and Agent Systems, 2014, 12, 347-358.	0.4	13
10	A service choice model for optimizing taxi service delivery. , 2009, , .		11
11	The impact of ride-hail surge factors on taxi bookings. Transportation Research Part C: Emerging Technologies, 2022, 136, 103508.	7.6	11
12	Scalable Urban Mobile Crowdsourcing. ACM Transactions on Intelligent Systems and Technology, 2018, 9, 1-24.	4.5	8
13	Lagrangian Relaxation for Large-Scale Multi-agent Planning. , 2012, , .		6
14	A Mechanism for Organizing Last-Mile Service Using Non-dedicated Fleet. , 2012, , .		6
15	An agent-based approach to human migration movement. , 2016, , .		6
16	Sampled fictitious play for multi-action stochastic dynamic programs. IIE Transactions, 2014, 46, 742-756.	2.1	5
17	Designing the Market Game for a Commodity Trading Simulation. , 2007, , .		4
18	A dynamic programming approach to achieving an optimal end-state along a serial production line. IIE Transactions, 2013, 45, 1278-1292.	2.1	4

#	ARTICLE	IF	CITATIONS
19	PokeME. , 2020, , .		4
20	Knowledge-Driven Autonomous Commodity Trading Advisor. , 2012, , .		3
21	Privacy in context-aware mobile crowdsourcing systems. , 2017, , .		2
22	Distributing Complementary Resources across Multiple Periods with Stochastic Demand: Hedging via Time Frame Aggregation. , 2008, , .		1
23	Managing egress of crowd during infrastructure disruption. , 2016, , .		1
24	Exact and heuristic approaches for the multi-agent orienteering problem with capacity constraints. , 2017, , .		1
25	DESIGNING AN EXPERIMENTAL GAMING PLATFORM FOR TRADING GRID RESOURCES. , 2007, , .		1
26	An Exact Single-Agent Task Selection Algorithm for the Crowdsourced Logistics. , 2020, , .		1
27	Event Study Approach for Validating Agent-Based Trading Simulations. , 2010, , .		0
28	Robust distributed scheduling via time-period aggregation. Web Intelligence and Agent Systems, 2012, 10, 305-318.	0.4	0
29	Learning and Controlling Network Diffusion in Dependent Cascade Models. , 2015, , .		0
30	Building crowd movement model using sample-based mobility survey. , 2015, , .		0
31	Mobility-Driven BLE Transmit-Power Adaptation for Participatory Data Muling. , 2018, , .		0
32	Automated Taxi Queue Management at High-Demand Venues. , 2021, , .		0
33	A Lagrangian Column Generation Approach for the Probabilistic Crowdsourced Logistics Planning. , 2021, , .		0