

# Ching-Hung Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

887  
citations

516215

16  
h-index

500791

28  
g-index

41  
all docs

41  
docs citations

41  
times ranked

432  
citing authors

#	ARTICLE	IF	CITATIONS
1	A digital transformation-enabled framework and strategies for public health risk response and governance: China's experience. <i>Industrial Management and Data Systems</i> , 2023, 123, 133-154.	2.2	10
2	Requirement-driven evolution and strategy-enabled service design for new customized quick-response product order fulfillment process. <i>Technological Forecasting and Social Change</i> , 2022, 176, 121464.	6.2	14
3	Artificial intelligence-enabled non-intrusive vigilance assessment approach to reducing traffic controller's human errors. <i>Knowledge-Based Systems</i> , 2022, 239, 108047.	4.0	8
4	Strategic servitization design method for Industry 4.0-based smart intralogistics and production. <i>Expert Systems With Applications</i> , 2022, 204, 117480.	4.4	3
5	Immersive technology-enabled digital transformation in transportation fields: A literature overview. <i>Expert Systems With Applications</i> , 2022, 202, 117459.	4.4	7
6	A Fuzzy Design Decision Model for New Healthcare Service Conceptualization. <i>International Journal of Fuzzy Systems</i> , 2021, 23, 58-80.	2.3	10
7	Prospective on Eye-Tracking-based Studies in Immersive Virtual Reality. , 2021, , .		12
8	Digital Transformation and the New Normal in China: How Can Enterprises Use Digital Technologies to Respond to COVID-19?. <i>Sustainability</i> , 2021, 13, 10195.	1.6	29
9	Effects of Different Finger Grips and Arm Positions on the Performance of Manipulating the Chinese Brush in Chinese Adolescents. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10291.	1.2	2
10	Cooperative surveillance systems and digital-technology enabler for a real-time standard terminal arrival schedule displacement. <i>Advanced Engineering Informatics</i> , 2021, 50, 101402.	4.0	19
11	TRIZ Evolution Trend-Based Public Service Innovation for Enhancing Social Participation of Life Garbage Classification. <i>IFIP Advances in Information and Communication Technology</i> , 2021, , 57-73.	0.5	1
12	Service design for intelligent exhibition guidance service based on dynamic customer experience. <i>Industrial Management and Data Systems</i> , 2021, 121, 1237-1267.	2.2	13
13	Applying Clustering Methods to Develop an Optimal Storage Location Planning-Based Consolidated Picking Methodology for Driving the Smart Manufacturing of Wireless Modules. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9895.	1.3	4
14	Understanding digital transformation in advanced manufacturing and engineering: A bibliometric analysis, topic modeling and research trend discovery. <i>Advanced Engineering Informatics</i> , 2021, 50, 101428.	4.0	56
15	A Digital Twin-Based Platform towards Intelligent Automation with Virtual Counterparts of Flight and Air Traffic Control Operations. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10923.	1.3	14
16	A User Requirement-driven Approach Incorporating TRIZ and QFD for Designing a Smart Vessel Alarm System to Reduce Alarm Fatigue. <i>Journal of Navigation</i> , 2020, 73, 212-232.	1.0	17
17	Customized and knowledge-centric service design model integrating case-based reasoning and TRIZ. <i>Expert Systems With Applications</i> , 2020, 143, 113062.	4.4	44
18	Constructing an integrated stakeholder-based participatory policy evaluation model for urban traffic restriction. <i>Technological Forecasting and Social Change</i> , 2020, 151, 119839.	6.2	3

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19	Entrepreneurship Education and Students' Entrepreneurial Intention in Higher Education. <i>Education Sciences</i> , 2020, 10, 257.	1.4	34
20	An Evaluation of Posture Recognition Based on Intelligent Rapid Entire Body Assessment System for Determining Musculoskeletal Disorders. <i>Sensors</i> , 2020, 20, 4414.	2.1	24
21	Autoencoder-Enabled Potential Buyer Identification and Purchase Intention Model of Vacation Homes. <i>IEEE Access</i> , 2020, 8, 212383-212395.	2.6	5
22	Customer requirement-driven design method and computer-aided design system for supporting service innovation conceptualization handling. <i>Advanced Engineering Informatics</i> , 2020, 45, 101117.	4.0	39
23	Influence of China's 2009 healthcare reform on the utilisation of continuum of care for maternal health services: evidence from two cross-sectional household surveys in Shaanxi Province. <i>International Journal for Equity in Health</i> , 2020, 19, 100.	1.5	3
24	Hybrid data-driven vigilance model in traffic control center using eye-tracking data and context data. <i>Advanced Engineering Informatics</i> , 2019, 42, 100940.	4.0	31
25	Body anthropometric measurements of Singaporean adult and elderly population. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 148, 106949.	2.5	28
26	Service quality driven approach for innovative retail service system design and evaluation: A case study. <i>Computers and Industrial Engineering</i> , 2019, 135, 275-285.	3.4	48
27	A structural service innovation approach for designing smart product service systems: Case study of smart beauty service. <i>Advanced Engineering Informatics</i> , 2019, 40, 154-167.	4.0	93
28	Developing a Quick Response Product Configuration System under Industry 4.0 Based on Customer Requirement Modelling and Optimization Method. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5004.	1.3	33
29	A Kano-Based Quick-Response Product Configuration System Under Industry 4.0. <i>Advances in Transdisciplinary Engineering</i> , 2019, , .	0.1	1
30	A Smart Context-Aware Program Assistant Based on Dynamic Programming Event Modeling. , 2018, , .		4
31	Investigation on the Correlation between Eye Movement and Reaction Time under Mental Fatigue Influence. , 2018, , .		13
32	Service design blueprint approach incorporating TRIZ and service QFD for a meal ordering system: A case study. <i>Computers and Industrial Engineering</i> , 2017, 107, 388-400.	3.4	59
33	Modularized design-oriented systematic inventive thinking approach supporting collaborative service innovations. <i>Advanced Engineering Informatics</i> , 2017, 33, 300-313.	4.0	39
34	Applying theory of inventive problem solving to develop product-service system. , 2017, , .		3
35	Conceptual thinking for collaborative service design engineering framework. , 2016, , .		2
36	Ontology-based reasoning for the intelligent handling of customer complaints. <i>Computers and Industrial Engineering</i> , 2015, 84, 144-155.	3.4	60

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37	Service design for intelligent parking based on theory of inventive problem solving and service blueprint. <i>Advanced Engineering Informatics</i> , 2015, 29, 295-306.	4.0	55
38	Applying geo-social networking and the theory of inventive problem-solving in service innovation and evaluation. <i>Journal of Industrial and Production Engineering</i> , 2014, 31, 95-107.	2.1	20
39	A framework of customer complaint handling system. , 2010, , .		10