

# Shu-hsien Liao

## List of Publications by Year in descending order

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Version: 2024-02-01

115  
papers

5,559  
citations

101384

36  
h-index

85405

71  
g-index

118  
all docs

118  
docs citations

118  
times ranked

4255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Expert system methodologies and applications—a decade review from 1995 to 2004. <i>Expert Systems With Applications</i> , 2005, 28, 93-103.	4.4	692
2	Knowledge sharing, absorptive capacity, and innovation capability: an empirical study of Taiwan's knowledge-intensive industries. <i>Journal of Information Science</i> , 2007, 33, 340-359.	2.0	503
3	Data mining techniques and applications —“ A decade review from 2000 to 2011. <i>Expert Systems With Applications</i> , 2012, 39, 11303-11311.	4.4	482
4	Knowledge management technologies and applications—literature review from 1995 to 2002. <i>Expert Systems With Applications</i> , 2003, 25, 155-164.	4.4	370
5	Relationships between knowledge inertia, organizational learning and organization innovation. <i>Technovation</i> , 2008, 28, 183-195.	4.2	249
6	System perspective of knowledge management, organizational learning, and organizational innovation. <i>Expert Systems With Applications</i> , 2010, 37, 1096-1103.	4.4	235
7	A survey of market orientation research (1995—2008). <i>Industrial Marketing Management</i> , 2011, 40, 301-310.	3.7	131
8	Assessing the influence of supply chain collaboration value innovation, supply chain capability and competitive advantage in Taiwan's networking communication industry. <i>International Journal of Production Economics</i> , 2017, 191, 143-153.	5.1	128
9	Knowledge transfer and competitive advantage on environmental uncertainty: An empirical study of the Taiwan semiconductor industry. <i>Technovation</i> , 2007, 27, 402-411.	4.2	119
10	Relationships between knowledge acquisition, absorptive capacity and innovation capability: an empirical study on Taiwan's financial and manufacturing industries. <i>Journal of Information Science</i> , 2010, 36, 19-35.	2.0	89
11	Mining customer knowledge for tourism new product development and customer relationship management. <i>Expert Systems With Applications</i> , 2010, 37, 4212-4223.	4.4	85
12	Relationships among organizational culture, knowledge sharing, and innovation capability: a case of the automobile industry in Taiwan. <i>Knowledge Management Research and Practice</i> , 2017, 15, 471-490.	2.7	85
13	The study of relationships between the collaboration for supply chain, supply chain capabilities and firm performance: A case of the Taiwan's TFT-LCD industry. <i>International Journal of Production Economics</i> , 2014, 156, 295-304.	5.1	83
14	Technology management methodologies and applications. <i>Technovation</i> , 2005, 25, 381-393.	4.2	80
15	Problem solving and knowledge inertia. <i>Expert Systems With Applications</i> , 2002, 22, 21-31.	4.4	79
16	An evolutionary approach for multi-objective optimization of the integrated location—inventory distribution network problem in vendor-managed inventory. <i>Expert Systems With Applications</i> , 2011, 38, 6768-6776.	4.4	77
17	Artificial neural networks classification and clustering of methodologies and applications —“ literature analysis from 1995 to 2005. <i>Expert Systems With Applications</i> , 2007, 32, 1-11.	4.4	75
18	Employee relationship and knowledge sharing: a case study of a Taiwanese finance and securities firm. <i>Knowledge Management Research and Practice</i> , 2004, 2, 24-34.	2.7	74

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19	The reliability of general vague fault-tree analysis on weapon systems fault diagnosis. <i>Soft Computing</i> , 2006, 10, 531-542.	2.1	73
20	Relationships among organizational culture, knowledge acquisition, organizational learning, and organizational innovation in Taiwan's banking and insurance industries. <i>International Journal of Human Resource Management</i> , 2012, 23, 52-70.	3.3	67
21	Mining customer knowledge for exploring online group buying behavior. <i>Expert Systems With Applications</i> , 2012, 39, 3708-3716.	4.4	66
22	Mining product maps for new product development. <i>Expert Systems With Applications</i> , 2008, 34, 50-62.	4.4	65
23	Mining customer knowledge for electronic catalog marketing. <i>Expert Systems With Applications</i> , 2004, 27, 521-532.	4.4	63
24	A fuzzy real option approach for investment project valuation. <i>Expert Systems With Applications</i> , 2011, 38, 15296-15302.	4.4	62
25	Developing a sustainable competitive advantage: absorptive capacity, knowledge transfer and organizational learning. <i>Journal of Technology Transfer</i> , 2017, 42, 1431-1450.	2.5	58
26	The Relationship among Knowledge Management, Organizational Learning, and Organizational Performance. <i>International Journal of Business and Management</i> , 2009, 4, .	0.1	57
27	Assessing the influence of leadership style, organizational learning and organizational innovation. <i>Leadership and Organization Development Journal</i> , 2017, 38, 590-609.	1.6	57
28	The relationship between leader-member relations, job satisfaction and organizational commitment in international tourist hotels in Taiwan. <i>International Journal of Human Resource Management</i> , 2009, 20, 1810-1826.	3.3	56
29	Case-based decision support system: Architecture for simulating military command and control. <i>European Journal of Operational Research</i> , 2000, 123, 558-567.	3.5	53
30	Mining customer knowledge for product line and brand extension in retailing. <i>Expert Systems With Applications</i> , 2008, 34, 1763-1776.	4.4	53
31	Investigating online social media users' behaviors for social commerce recommendations. <i>Technology in Society</i> , 2021, 66, 101655.	4.8	53
32	An integrated model for learning organization with strategic view: Benchmarking in the knowledge-intensive industry. <i>Expert Systems With Applications</i> , 2010, 37, 3792-3798.	4.4	48
33	A rough set-based association rule approach for a recommendation system for online consumers. <i>Information Processing and Management</i> , 2016, 52, 1142-1160.	5.4	46
34	Mobile payment and online to offline retail business models. <i>Journal of Retailing and Consumer Services</i> , 2020, 57, 102230.	5.3	44
35	Data mining investigation of co-movements on the Taiwan and China stock markets for future investment portfolio. <i>Expert Systems With Applications</i> , 2013, 40, 1542-1554.	4.4	42
36	The role of knowledge sharing and LMX to enhance employee creativity in theme park work team. <i>International Journal of Contemporary Hospitality Management</i> , 2018, 30, 2343-2359.	5.3	41

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37	Mining stock category association and cluster on Taiwan stock market. <i>Expert Systems With Applications</i> , 2008, 35, 19-29.	4.4	39
38	Exploring TQM-Innovation relationship in continuing education: A system architecture and propositions. <i>Total Quality Management and Business Excellence</i> , 2010, 21, 1121-1139.	2.4	38
39	Mining customer knowledge to implement online shopping and home delivery for hypermarkets. <i>Expert Systems With Applications</i> , 2011, 38, 3982-3991.	4.4	38
40	Investment project valuation based on a fuzzy binomial approach. <i>Information Sciences</i> , 2010, 180, 2124-2133.	4.0	36
41	Leader-member exchange and employee creativity. <i>Leadership and Organization Development Journal</i> , 2018, 39, 419-435.	1.6	36
42	Mining demand chain knowledge of life insurance market for new product development. <i>Expert Systems With Applications</i> , 2009, 36, 9422-9437.	4.4	35
43	A web-based architecture for implementing electronic procurement in military organisations. <i>Technovation</i> , 2003, 23, 521-532.	4.2	34
44	Contributions to Radio Frequency Identification (RFID) research: An assessment of SCI, SSCI-indexed papers from 2004 to 2008. <i>Decision Support Systems</i> , 2011, 50, 548-556.	3.5	34
45	LMX and employee satisfaction: mediating effect of psychological capital. <i>Leadership and Organization Development Journal</i> , 2017, 38, 433-449.	1.6	34
46	Ontology-based data mining approach implemented for sport marketing. <i>Expert Systems With Applications</i> , 2009, 36, 11045-11056.	4.4	33
47	Mining customer knowledge for direct selling and marketing. <i>Expert Systems With Applications</i> , 2011, 38, 6059-6069.	4.4	32
48	A multi-objective evolutionary optimization approach for an integrated location-inventory distribution network problem under vendor-managed inventory systems. <i>Annals of Operations Research</i> , 2011, 186, 213-229.	2.6	27
49	Organizational commitment, knowledge sharing and organizational citizenship behaviour: the case of the Taiwanese semiconductor industry. <i>Knowledge Management Research and Practice</i> , 2015, 13, 299-310.	2.7	27
50	A knowledge-based architecture for implementing military geographical intelligence system on Intranet. <i>Expert Systems With Applications</i> , 2001, 20, 313-324.	4.4	26
51	Mining information users' knowledge for one-to-one marketing on information appliance. <i>Expert Systems With Applications</i> , 2009, 36, 4967-4979.	4.4	24
52	The mediating effect of psychological contract in the relationships between paternalistic leadership and turnover intention for foreign workers in Taiwan. <i>Asia Pacific Management Review</i> , 2017, 22, 80-87.	2.6	20
53	Supply chain collaboration and innovation capability: the moderated mediating role of quality management. <i>Total Quality Management and Business Excellence</i> , 2021, 32, 298-316.	2.4	20
54	Problem structuring methods in military command and control. <i>Expert Systems With Applications</i> , 2008, 35, 645-653.	4.4	19

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55	Ontology-based data mining approach implemented on exploring product and brand spectrum. Expert Systems With Applications, 2009, 36, 11730-11744.	4.4	17
56	Comparison of competing models and multi-group analysis of organizational culture, knowledge transfer, and innovation capability: an empirical study of the Taiwan semiconductor industry. Knowledge Management Research and Practice, 2015, 13, 248-260.	2.7	17
57	The impacts of brand trust, customer satisfaction, and brand loyalty on word-of-mouth. , 2010, , .		15
58	A knowledge-based architecture for planning military intelligence, surveillance, and reconnaissance. Space Policy, 2003, 19, 191-202.	0.8	14
59	A knowledge-based architecture for implementing collaborative problem-solving methods in military e-training. Expert Systems With Applications, 2008, 35, 976-990.	4.4	14
60	Mining Demand Chain Knowledge for New Product Development and Marketing. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2009, 39, 223-227.	3.3	14
61	Service quality, brand image and price fairness impact on the customer satisfaction and loyalty. , 2011, , .		13
62	Mining the co-movement between foreign exchange rates and category stock indexes in the Taiwan financial capital market. Expert Systems With Applications, 2011, 38, 4608-4617.	4.4	13
63	Multi-objective evolutionary approach for supply chain network design problem within online customer consideration. RAIRO - Operations Research, 2017, 51, 135-155.	1.0	13
64	Interactivity, engagement, trust, purchase intention and word-of-mouth: a moderated mediation study. International Journal of Services, Technology and Management, 2019, 25, 116.	0.1	12
65	Information technology and relationship management: a case study of Taiwan's small manufacturing firm. Technovation, 2004, 24, 97-108.	4.2	11
66	Big data analysis on the business process and management for the store layout and bundling sales. Business Process Management Journal, 2019, 25, 1783-1801.	2.4	11
67	Big data analytics for investigating Taiwan Line sticker social media marketing. Asia Pacific Journal of Marketing and Logistics, 2019, 32, 589-606.	1.8	11
68	Big data analytics of social network marketing and personalized recommendations. Social Network Analysis and Mining, 2021, 11, 1.	1.9	11
69	Data mining analytics investigate Facebook Live stream users' behaviors and business models: The evidence from Thailand. Entertainment Computing, 2022, 41, 100478.	1.8	11
70	Mining marketing maps for business alliances. Expert Systems With Applications, 2008, 35, 1338-1350.	4.4	10
71	Relationships between brand awareness and online word-of-mouth: an example of online gaming community. International Journal of Web Based Communities, 2012, 8, 177.	0.2	10
72	A rough set-based association rule approach implemented on exploring beverages product spectrum. Applied Intelligence, 2014, 40, 464-478.	3.3	10

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73	E-government implementation: Business contract legal support for Taiwanese businessmen in Mainland China. <i>Government Information Quarterly</i> , 2005, 22, 505-524.	4.0	9
74	Knowledge management and innovation: The mediating effects of organizational learning. , 2009, , .		8
75	The relationships among brand image, brand trust, and online word-of-mouth: an example of online gaming. , 2009, , .		8
76	Service quality, experiential value and repurchase intention for medical cosmetology clinic: moderating effect of Generation. <i>Total Quality Management and Business Excellence</i> , 2020, 31, 1077-1097.	2.4	8
77	A Capacitated Inventory-Location Model: Formulation, Solution Approach and Preliminary Computational Results. <i>Lecture Notes in Computer Science</i> , 2009, , 323-332.	1.0	8
78	Mining shopping behavior in the Taiwan luxury products market. <i>Expert Systems With Applications</i> , 2012, 39, 11257-11268.	4.4	6
79	Employee emotional intelligence, organizational citizen behavior and job performance: a moderated mediation model investigation. <i>Employee Relations</i> , 2022, 44, 1109-1126.	1.5	6
80	Will China become a military space superpower?. <i>Space Policy</i> , 2005, 21, 205-212.	0.8	5
81	A clash of personality? The relationship among consumer personality, brand personality and word-of-mouth with social-cognitive perspective: generation as the moderator. <i>International Journal of Services, Technology and Management</i> , 2015, 21, 111.	0.1	5
82	Long live friendship? Relationships among friendship, trust and brand loyalty: a study of Starbucks. <i>International Journal of Web Based Communities</i> , 2018, 14, 335.	0.2	5
83	A Data Mining Approach for Developing Online Streaming Recommendations. <i>Applied Artificial Intelligence</i> , 2021, 35, 2204-2227.	2.0	5
84	Investment Project Valuation Based on the Fuzzy Real Options Approach. , 2010, , .		4
85	MINING CUSTOMER KNOWLEDGE FOR CHANNEL AND PRODUCT SEGMENTATION. <i>Applied Artificial Intelligence</i> , 2013, 27, 635-655.	2.0	4
86	Mining business knowledge for developing integrated key performance indicators on an optical mould firm. <i>International Journal of Computer Integrated Manufacturing</i> , 2013, 26, 703-719.	2.9	4
87	Mining Customer Knowledge for a Recommendation System in Convenience Stores. <i>International Journal of Data Warehousing and Mining</i> , 2014, 10, 55-86.	0.4	4
88	Mining User Knowledge for Investigating the Facebook Business Model: The Case of Taiwan Users. <i>Applied Artificial Intelligence</i> , 2014, 28, 712-736.	2.0	4
89	An Intranet-based architecture for building military scenario training systems. <i>Journal of the Operational Research Society</i> , 2005, 56, 504-513.	2.1	3
90	Mining the co-movement in the Taiwan stock funds market. <i>Expert Systems With Applications</i> , 2011, 38, 5276-5288.	4.4	3

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91	The effects of psychological factors on online consumer behavior. , 2011, , .		3
92	What can influence the consumers' online word-of-mouth? An online gaming perspective. International Journal of Services, Technology and Management, 2013, 19, 278.	0.1	3
93	Mining Marketing Knowledge to Explore Social Network Sites and Online Purchase Behaviors. Applied Artificial Intelligence, 2015, 29, 697-732.	2.0	3
94	Investigating sports behaviors and market in Taiwan for sports leisure and entertainment marketing online recommendations. Entertainment Computing, 2021, 39, 100442.	1.8	3
95	Mapping TQM-innovation relationship on learning organization: A strategic management perspective. , 2008, , .		2
96	Missing link between knowledge management and organizational performance&#x2014;Empirical evidence in Taiwan. , 2010, , .		2
97	A metamorphosis of university from past to present: a three-stage development trajectory with strategic management perspective. International Journal of Continuing Engineering Education and Life-Long Learning, 2011, 21, 253.	0.1	2
98	Mining the hedge and arbitrage of the Taiwan foreign exchange market. Expert Systems With Applications, 2012, 39, 3197-3206.	4.4	2
99	Multi-objective Dual-Sale Channel Supply Chain Network Design Based on NSGA-II. Lecture Notes in Computer Science, 2014, , 479-489.	1.0	2
100	A rough set-based association rule approach implemented on a brand trust evaluation model. Journal of Experimental and Theoretical Artificial Intelligence, 2017, 29, 911-927.	1.8	2
101	Data mining approach investigates Western-style restaurant hospitality management in Taiwan. Journal of Hospitality and Tourism Technology, 2021, 12, 712-729.	2.5	2
102	Integrated Location-Inventory Retail Supply Chain Design: A Multi-objective Evolutionary Approach. Lecture Notes in Computer Science, 2010, , 533-542.	1.0	2
103	A Semantic Web Approach to Heterogeneous Metadata Integration. Lecture Notes in Computer Science, 2010, , 205-214.	1.0	2
104	Association Rule Algorithms for Logical Equality Relationships. , 2008, , .		1
105	A rough association rule is applicable for knowledge discovery. , 2009, , .		1
106	Imbalance between market orientation and innovation capability: An empirical study on Taiwan's continuing education. , 2009, , .		1
107	An efficient multiobjective evolutionary approach for a simultaneous inventory control and facility location problem. , 2009, , .		1
108	Incorporating location, routing and inventory decisions in dual sales channel &#x2014; A hybrid genetic approach. , 2013, , .		1

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109	Investment Appraisal under Uncertainty – A Fuzzy Real Options Approach. Lecture Notes in Computer Science, 2010, , 716-726.	1.0	1
110	Developing a scale measurement of market uncertainty: A Cluster Analysis on Taiwan's financial services. , 2009, , .		0
111	Does Innovation Matter? The Effect of Knowledge Management a Comparison Study of Taiwan's Two Industries. , 2010, , .		0
112	Data mining for the global natural resources funds development. International Journal of Intelligent Information and Database Systems, 2016, 9, 289.	0.3	0
113	Application Rough Sets Theory to Ordinal Scale Data for Discovering Knowledge. Lecture Notes in Computer Science, 2010, , 512-519.	1.0	0
114	Relative Association Rules Based on Rough Set Theory. Lecture Notes in Computer Science, 2011, , 185-192.	1.0	0
115	The Rough Set-Based Algorithm for Two Steps. Lecture Notes in Computer Science, 2011, , 63-70.	1.0	0