

Shu-hsien Liao

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

109
papers

3,882
citations

31
h-index

61
g-index

118
ext. papers

4,603
ext. citations

4.4
avg, IF

6.08
L-index

#	Paper	IF	Citations
109	Expert system methodologies and applications—decade review from 1995 to 2004. <i>Expert Systems With Applications</i> , 2005 , 28, 93-103	7.8	480
108	Data mining techniques and applications—A decade review from 2000 to 2011. <i>Expert Systems With Applications</i> , 2012 , 39, 11303-11311	7.8	376
107	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	334
106	Knowledge management technologies and applications—literature review from 1995 to 2002. <i>Expert Systems With Applications</i> , 2003 , 25, 155-164	7.8	268
105	System perspective of knowledge management, organizational learning, and organizational innovation. <i>Expert Systems With Applications</i> , 2010 , 37, 1096-1103	7.8	171
104	Relationships between knowledge inertia, organizational learning and organization innovation. <i>Technovation</i> , 2008 , 28, 183-195	7.9	159
103	A survey of market orientation research (1995–2008). <i>Industrial Marketing Management</i> , 2011 , 40, 301-310	6.9	105
102	Mining customer knowledge for tourism new product development and customer relationship management. <i>Expert Systems With Applications</i> , 2010 , 37, 4212-4223	7.8	73
101	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	9.3	72
100	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	7.8	71
99	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	69
98	Knowledge transfer and competitive advantage on environmental uncertainty: An empirical study of the Taiwan semiconductor industry. <i>Technovation</i> , 2007 , 27, 402-411	7.9	68
97	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	9.3	66
96	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	2.1	60
95	The reliability of general vague fault-tree analysis on weapon systems fault diagnosis. <i>Soft Computing</i> , 2006 , 10, 531-542	3.5	57
94	Mining product maps for new product development. <i>Expert Systems With Applications</i> , 2008 , 34, 50-62	7.8	55
93	Problem solving and knowledge inertia. <i>Expert Systems With Applications</i> , 2002 , 22, 21-31	7.8	54

92	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	3.6	53
91	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	7.8	51
90	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	2.1	50
89	Mining customer knowledge for electronic catalog marketing. <i>Expert Systems With Applications</i> , 2004 , 27, 521-532	7.8	50
88	Technology management methodologies and applications. <i>Technovation</i> , 2005 , 25, 381-393	7.9	49
87	Mining customer knowledge for exploring online group buying behavior. <i>Expert Systems With Applications</i> , 2012 , 39, 3708-3716	7.8	45
86	A fuzzy real option approach for investment project valuation. <i>Expert Systems With Applications</i> , 2011 , 38, 15296-15302	7.8	45
85	Case-based decision support system: Architecture for simulating military command and control. <i>European Journal of Operational Research</i> , 2000 , 123, 558-567	5.6	42
84	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	7.8	39
83	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	3.6	38
82	Mining customer knowledge for product line and brand extension in retailing. <i>Expert Systems With Applications</i> , 2008 , 34, 1763-1776	7.8	38
81	A rough set-based association rule approach for a recommendation system for online consumers. <i>Information Processing and Management</i> , 2016 , 52, 1142-1160	6.3	36
80	Developing a sustainable competitive advantage: absorptive capacity, knowledge transfer and organizational learning. <i>Journal of Technology Transfer</i> , 2017 , 42, 1431-1450	4.4	33
79	Assessing the influence of leadership style, organizational learning and organizational innovation. <i>Leadership and Organization Development Journal</i> , 2017 , 38, 590-609	2.9	32
78	The Relationship among Knowledge Management, Organizational Learning, and Organizational Performance. <i>International Journal of Business and Management</i> , 2009 , 4,	1.6	31
77	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	7.8	30
76	Mining customer knowledge to implement online shopping and home delivery for hypermarkets. <i>Expert Systems With Applications</i> , 2011 , 38, 3982-3991	7.8	30
75	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	5.6	29

74	Exploring TQM-Innovation relationship in continuing education: A system architecture and propositions. <i>Total Quality Management and Business Excellence</i> , 2010 , 21, 1121-1139	2.7	29
73	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	7.5	26
72	Mining customer knowledge for direct selling and marketing. <i>Expert Systems With Applications</i> , 2011 , 38, 6059-6069	7.8	26
71	Mining demand chain knowledge of life insurance market for new product development. <i>Expert Systems With Applications</i> , 2009 , 36, 9422-9437	7.8	26
70	Ontology-based data mining approach implemented for sport marketing. <i>Expert Systems With Applications</i> , 2009 , 36, 11045-11056	7.8	26
69	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	3.2	25
68	Investment project valuation based on a fuzzy binomial approach. <i>Information Sciences</i> , 2010 , 180, 2124-2133	2.7	25
67	Mining stock category association and cluster on Taiwan stock market. <i>Expert Systems With Applications</i> , 2008 , 35, 19-29	7.8	25
66	A knowledge-based architecture for implementing military geographical intelligence system on Intranet. <i>Expert Systems With Applications</i> , 2001 , 20, 313-324	7.8	24
65	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	2.1	23
64	A web-based architecture for implementing electronic procurement in military organisations. <i>Technovation</i> , 2003 , 23, 521-532	7.9	23
63	Leader-member exchange and employee creativity. <i>Leadership and Organization Development Journal</i> , 2018 , 39, 419-435	2.9	22
62	LMX and employee satisfaction: mediating effect of psychological capital. <i>Leadership and Organization Development Journal</i> , 2017 , 38, 433-449	2.9	20
61	Mining information users' knowledge for one-to-one marketing on information appliance. <i>Expert Systems With Applications</i> , 2009 , 36, 4967-4979	7.8	17
60	Ontology-based data mining approach implemented on exploring product and brand spectrum. <i>Expert Systems With Applications</i> , 2009 , 36, 11730-11744	7.8	14
59	Mobile payment and online to offline retail business models. <i>Journal of Retailing and Consumer Services</i> , 2020 , 57, 102230	8.5	14
58	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	2.8	13
57	Multi-objective evolutionary approach for supply chain network design problem within online customer consideration. <i>RAIRO - Operations Research</i> , 2017 , 51, 135-155	2.2	11

56	A knowledge-based architecture for implementing collaborative problem-solving methods in military e-training. <i>Expert Systems With Applications</i> , 2008 , 35, 976-990	7.8	11
55	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	2.7	11
54	Comparison of competing models and multi-group analysis of organizational culture, knowledge transfer, and innovation capability: an empirical study of the Taiwan semiconductor industry. <i>Knowledge Management Research and Practice</i> , 2015 , 13, 248-260	2.1	10
53	A rough set-based association rule approach implemented on exploring beverages product spectrum. <i>Applied Intelligence</i> , 2014 , 40, 464-478	4.9	10
52	Mining Demand Chain Knowledge for New Product Development and Marketing. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2009 , 39, 223-227		10
51	Problem structuring methods in military command and control. <i>Expert Systems With Applications</i> , 2008 , 35, 645-653	7.8	10
50	Investigating online social media users behaviors for social commerce recommendations. <i>Technology in Society</i> , 2021 , 66, 101655	6.3	10
49	Mining the co-movement between foreign exchange rates and category stock indexes in the Taiwan financial capital market. <i>Expert Systems With Applications</i> , 2011 , 38, 4608-4617	7.8	9
48	Mining marketing maps for business alliances. <i>Expert Systems With Applications</i> , 2008 , 35, 1338-1350	7.8	9
47	Information technology and relationship management: a case study of Taiwan's small manufacturing firm. <i>Technovation</i> , 2004 , 24, 97-108	7.9	9
46	Interactivity, engagement, trust, purchase intention and word-of-mouth: a moderated mediation study. <i>International Journal of Services, Technology and Management</i> , 2019 , 25, 116	0.2	8
45	A knowledge-based architecture for planning military intelligence, surveillance, and reconnaissance. <i>Space Policy</i> , 2003 , 19, 191-202	1.4	8
44	Relationships between brand awareness and online word-of-mouth: an example of online gaming community. <i>International Journal of Web Based Communities</i> , 2012 , 8, 177	1	7
43	E-government implementation: Business contract legal support for Taiwanese businessmen in Mainland China. <i>Government Information Quarterly</i> , 2005 , 22, 505-524	7.6	6
42	A Capacitated Inventory-Location Model: Formulation, Solution Approach and Preliminary Computational Results. <i>Lecture Notes in Computer Science</i> , 2009 , 323-332	0.9	6
41	Knowledge management and innovation: The mediating effects of organizational learning 2009 ,		5
40	The relationships among brand image, brand trust, and online word-of-mouth: an example of online gaming 2009 ,		5
39	Big data analysis on the business process and management for the store layout and bundling sales. <i>Business Process Management Journal</i> , 2019 , 25, 1783-1801	3.6	4

38	Mining shopping behavior in the Taiwan luxury products market. <i>Expert Systems With Applications</i> , 2012 , 39, 11257-11268	7.8	4
37	MINING CUSTOMER KNOWLEDGE FOR CHANNEL AND PRODUCT SEGMENTATION. <i>Applied Artificial Intelligence</i> , 2013 , 27, 635-655	2.3	4
36	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	0.2	4
35	Mining Customer Knowledge for a Recommendation System in Convenience Stores. <i>International Journal of Data Warehousing and Mining</i> , 2014 , 10, 55-86	1	4
34	2011 ,		4
33	Will China become a military space superpower?. <i>Space Policy</i> , 2005 , 21, 205-212	1.4	4
32	Rough-Set-Based Association Rules Applied to Brand Trust Evaluation Model. <i>Lecture Notes in Computer Science</i> , 2010 , 634-641	0.9	4
31	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	7.7	4
30	Big data analytics of social network marketing and personalized recommendations. <i>Social Network Analysis and Mining</i> , 2021 , 11, 1	2.2	4
29	Mining Marketing Knowledge to Explore Social Network Sites and Online Purchase Behaviors. <i>Applied Artificial Intelligence</i> , 2015 , 29, 697-732	2.3	3
28	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	4.3	3
27	Mining the co-movement in the Taiwan stock funds market. <i>Expert Systems With Applications</i> , 2011 , 38, 5276-5288	7.8	3
26	The impacts of brand trust, customer satisfaction, and brand loyalty on word-of-mouth 2010 ,		3
25	An Intranet-based architecture for building military scenario training systems. <i>Journal of the Operational Research Society</i> , 2005 , 56, 504-513	2	3
24	Data mining analytics investigate Facebook Live stream users behaviors and business models: The evidence from Thailand. <i>Entertainment Computing</i> , 2022 , 41, 100478	1.9	3
23	Big data analytics for investigating Taiwan Line sticker social media marketing. <i>Asia Pacific Journal of Marketing and Logistics</i> , 2019 , 32, 589-606	3.2	3
22	Investigating sports behaviors and market in Taiwan for sports leisure and entertainment marketing online recommendations. <i>Entertainment Computing</i> , 2021 , 39, 100442	1.9	3
21	Mining User Knowledge for Investigating the Facebook Business Model: The Case of Taiwan Users. <i>Applied Artificial Intelligence</i> , 2014 , 28, 712-736	2.3	2

20	Mining the hedge and arbitrage of the Taiwan foreign exchange market. <i>Expert Systems With Applications</i> , 2012 , 39, 3197-3206	7.8	2
19	What can influence the consumers' online word-of-mouth? An online gaming perspective. <i>International Journal of Services, Technology and Management</i> , 2013 , 19, 278	0.2	2
18	A metamorphosis of university from past to present: a three-stage development trajectory with strategic management perspective. <i>International Journal of Continuing Engineering Education and Life-Long Learning</i> , 2011 , 21, 253	0.8	2
17	Missing link between knowledge management and organizational performance—Empirical evidence in Taiwan 2010 ,		2
16	Mapping TQM-innovation relationship on learning organization: A strategic management perspective 2008 ,		2
15	Integrated Location-Inventory Retail Supply Chain Design: A Multi-objective Evolutionary Approach. <i>Lecture Notes in Computer Science</i> , 2010 , 533-542	0.9	2
14	A Semantic Web Approach to Heterogeneous Metadata Integration. <i>Lecture Notes in Computer Science</i> , 2010 , 205-214	0.9	2
13	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	1	2
12	A rough set-based association rule approach implemented on a brand trust evaluation model. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2017 , 29, 911-927	2	1
11	Multi-objective Dual-Sale Channel Supply Chain Network Design Based on NSGA-II. <i>Lecture Notes in Computer Science</i> , 2014 , 479-489	0.9	1
10	Investment Project Valuation Based on the Fuzzy Real Options Approach 2010 ,		1
9	A rough association rule is applicable for knowledge discovery 2009 ,		1
8	An efficient multiobjective evolutionary approach for a simultaneous inventory control and facility location problem 2009 ,		1
7	A Data Mining Approach for Developing Online Streaming Recommendations. <i>Applied Artificial Intelligence</i> , 1-24	2.3	1
6	Rough Sets Based Association Rules Application for Knowledge-Based System Design. <i>Lecture Notes in Computer Science</i> , 2010 , 501-510	0.9	1
5	Investment Appraisal under Uncertainty ∆ Fuzzy Real Options Approach. <i>Lecture Notes in Computer Science</i> , 2010 , 716-726	0.9	1
4	Data mining for the global natural resources funds development. <i>International Journal of Intelligent Information and Database Systems</i> , 2016 , 9, 289	0.3	
3	Application Rough Sets Theory to Ordinal Scale Data for Discovering Knowledge. <i>Lecture Notes in Computer Science</i> , 2010 , 512-519	0.9	

2 Relative Association Rules Based on Rough Set Theory. *Lecture Notes in Computer Science*, **2011**, 185-192.9

1 The Rough Set-Based Algorithm for Two Steps. *Lecture Notes in Computer Science*, **2011**, 63-70 0.9