

Kwai-Sang Chin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5759694/kwai-sang-chin-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

136
papers

5,271
citations

40
h-index

67
g-index

139
ext. papers

6,212
ext. citations

5.4
avg, IF

6.29
L-index

#	Paper	IF	Citations
136	Tracking traffic congestion and accidents using social media data: A case study of Shanghai.. <i>Accident Analysis and Prevention</i> , 2022 , 169, 106618	6.1	0
135	PARTIAL BACKORDERING INVENTORY MODEL WITH LIMITED STORAGE CAPACITY UNDER ORDER-SIZE DEPENDENT TRADE CREDIT. <i>Technological and Economic Development of Economy</i> , 2021 , 1-32	4.7	0
134	An Attention-Based Digraph Convolution Network Enabled Framework for Congestion Recognition in Three-Dimensional Road Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-14	6.1	2
133	Managing consistency and consensus measures and adjustment strategies in group decision making with probabilistic linguistic preference relations. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 1-25	1.6	
132	Power-average-operator-based hybrid multiattribute online product recommendation model for consumer decision-making. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 2572-2617	8.4	10
131	Information sharing strategies in a hybrid-format online retailing supply chain. <i>International Journal of Production Research</i> , 2021 , 59, 3133-3151	7.8	15
130	Third-party reverse logistics provider selection: A computational semantic analysis-based multi-perspective multi-attribute decision-making approach. <i>Expert Systems With Applications</i> , 2021 , 166, 114051	7.8	54
129	Online-review analysis based large-scale group decision-making for determining passenger demands and evaluating passenger satisfaction: Case study of high-speed rail system in China. <i>Information Fusion</i> , 2021 , 69, 22-39	16.7	69
128	Adaptive Metro Service Schedule and Train Composition With a Proximal Policy Optimization Approach Based on Deep Reinforcement Learning. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-12	6.1	6
127	K-means clustering for the aggregation of HFLTS possibility distributions: N-two-stage algorithmic paradigm. <i>Knowledge-Based Systems</i> , 2021 , 227, 107230	7.3	18
126	A Dynamic Programming Algorithm-based Clustering Model and Its Application to Interval Type-2 Fuzzy Large-Scale Group Decision Making Problem. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	15
125	Bid Evaluation for Major Construction Projects Under Large-Scale Group Decision-Making Environment and Characterized Expertise Levels. <i>International Journal of Computational Intelligence Systems</i> , 2020 , 13, 1227	3.4	27
124	A three-phase QFD-based framework for identifying key passenger needs to improve satisfaction with the seat of high-speed rail in China. <i>Transportation</i> , 2020 , 48, 2627	4	2
123	Identifying and prioritizing factors affecting in-cabin passenger comfort on high-speed rail in China: A fuzzy-based linguistic approach. <i>Applied Soft Computing Journal</i> , 2020 , 95, 106558	7.5	27
122	Information leakage and supply chain contracts. <i>Omega</i> , 2020 , 90, 101994	7.2	13
121	A comprehensive multi-objective mixed integer nonlinear programming model for an integrated elderly care service districting problem. <i>Annals of Operations Research</i> , 2020 , 291, 499-529	3.2	9
120	Sustainable building material selection: A QFD- and ELECTRE III-embedded hybrid MCGDM approach with consensus building. <i>Engineering Applications of Artificial Intelligence</i> , 2019 , 85, 783-807	7.2	55

119	Pythagorean fuzzy Bonferroni means based on T-norm and its dual T-conorm. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 1303-1336	8.4	12
118	Identifying passengers' needs in cabin interiors of high-speed rails in China using quality function deployment for improving passenger satisfaction. <i>Transportation Research, Part A: Policy and Practice</i> , 2019 , 119, 326-342	3.7	16
117	Risk Assessment for Failure Mode and Effects Analysis Using the Bonferroni Mean and TODIM Method. <i>Mathematics</i> , 2019 , 7, 536	2.3	15
116	Fostering linguistic decision-making under uncertainty: A proportional interval type-2 hesitant fuzzy TOPSIS approach based on Hamacher aggregation operators and andness optimization models. <i>Information Sciences</i> , 2019 , 500, 229-258	7.7	79
115	An enhanced ordered weighted averaging operators generation algorithm with applications for multicriteria decision making. <i>Applied Mathematical Modelling</i> , 2019 , 71, 467-490	4.5	37
114	Constructing the geometric Bonferroni mean from the generalized Bonferroni mean with several extensions to linguistic 2-tuples for decision-making. <i>Applied Soft Computing Journal</i> , 2019 , 78, 595-613	7.5	24
113	An enhanced approach for two-sided matching with 2-tuple linguistic multi-attribute preference. <i>Soft Computing</i> , 2019 , 23, 7977-7990	3.5	19
112	Combining Deep Neural Networks and Classical Time Series Regression Models for Forecasting Patient Flows in Hong Kong. <i>IEEE Access</i> , 2019 , 7, 118965-118974	3.5	9
111	A decision support model for risk management of hazardous materials road transportation based on quality function deployment. <i>Transportation Research, Part D: Transport and Environment</i> , 2019 , 74, 154-173	6.4	17
110	Revisiting the Role of Hesitant Multiplicative Preference Relations in Group Decision Making With Novel Consistency Improving and Consensus Reaching Processes. <i>International Journal of Computational Intelligence Systems</i> , 2019 , 12, 1029	3.4	10
109	Heterogeneous Interrelationships among Attributes in Multi-Attribute Decision-Making: An Empirical Analysis. <i>International Journal of Computational Intelligence Systems</i> , 2019 , 12, 984	3.4	12
108	Constructing Novel Operational Laws and Information Measures for Proportional Hesitant Fuzzy Linguistic Term Sets with Extension to PHFL-VIKOR for Group Decision Making. <i>International Journal of Computational Intelligence Systems</i> , 2019 , 12, 998	3.4	5
107	On extended power average operators for decision-making: A case study in emergency response plan selection of civil aviation. <i>Computers and Industrial Engineering</i> , 2019 , 130, 258-271	6.4	22
106	Evaluation and Selection of HazMat Transportation Alternatives: A PHFLTS- and TOPSIS-Integrated Multi-Perspective Approach. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	22
105	New failure mode and effect analysis approach considering consensus under interval-valued intuitionistic fuzzy environment. <i>Soft Computing</i> , 2019 , 23, 11611-11626	3.5	22
104	Nonlinear model predictive control based on piecewise linear Hammerstein models. <i>Nonlinear Dynamics</i> , 2018 , 92, 1001-1021	5	8
103	A quality function deployment-based framework for the risk management of hazardous material transportation process. <i>Journal of Loss Prevention in the Process Industries</i> , 2018 , 52, 81-92	3.5	17
102	Determining the importance ratings of customer requirements in quality function deployment based on interval linguistic information. <i>International Journal of Production Research</i> , 2018 , 56, 4692-4708	7.8	25

101	Customizing Semantics for Individuals With Attitudinal HFLTS Possibility Distributions. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3452-3466	8.3	48
100	Two-stage aggregation paradigm for HFLTS possibility distributions: A hierarchical clustering perspective. <i>Expert Systems With Applications</i> , 2018 , 104, 43-66	7.8	49
99	A Novel MAGDM Approach With Proportional Hesitant Fuzzy Sets. <i>International Journal of Computational Intelligence Systems</i> , 2018 , 11, 256	3.4	14
98	A universal deep learning approach for modeling the flow of patients under different severities. <i>Computer Methods and Programs in Biomedicine</i> , 2018 , 154, 191-203	6.9	21
97	Improvement of Tribological Behaviors by Optimizing Concave Texture Shape Under Reciprocating Sliding Motion. <i>Journal of Tribology</i> , 2017 , 139,	1.8	20
96	Generating HFLTS possibility distribution with an embedded assessing attitude. <i>Information Sciences</i> , 2017 , 394-395, 141-166	7.7	29
95	Competitive strategy in remanufacturing and the effects of government subsidy. <i>Journal of Systems Science and Systems Engineering</i> , 2017 , 26, 417-432	1.2	13
94	Evaluating lane reservation problems by carbon emission approach. <i>Transportation Research, Part D: Transport and Environment</i> , 2017 , 53, 178-192	6.4	8
93	Recursive identification of Hammerstein systems with dead-zone nonlinearity in the presence of bounded noise. <i>International Journal of Systems Science</i> , 2017 , 48, 2394-2404	2.3	8
92	The therapist assignment problem in home healthcare structures. <i>Expert Systems With Applications</i> , 2016 , 62, 44-62	7.8	17
91	Dynamic rule adjustment approach for optimizing belief rule-base expert system. <i>Knowledge-Based Systems</i> , 2016 , 96, 40-60	7.3	34
90	A Framework for Triangular Fuzzy Random Multiple-Criteria Decision Making. <i>International Journal of Fuzzy Systems</i> , 2016 , 18, 227-247	3.6	3
89	A mixed lubrication model for studying tribological behaviors of surface texturing. <i>Tribology International</i> , 2016 , 93, 583-592	4.9	96
88	On Extending Power-Geometric Operators to Interval-Valued Hesitant Fuzzy Sets and Their Applications to Group Decision Making. <i>International Journal of Information Technology and Decision Making</i> , 2016 , 15, 1055-1114	2.8	13
87	Triangular intuitionistic fuzzy random decision making based on combination of parametric estimation, score functions, and prospect theory. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016 , 30, 3567-3581	1.6	9
86	A discrete-event simulation study for emergency room capacity management in a Hong Kong hospital 2016 ,		5
85	On Generalized Extended Bonferroni Means for Decision Making. <i>IEEE Transactions on Fuzzy Systems</i> , 2016 , 24, 1525-1543	8.3	19
84	Proportional hesitant fuzzy linguistic term set for multiple criteria group decision making. <i>Information Sciences</i> , 2016 , 357, 61-87	7.7	151

83	A method of determining attribute weights in evidential reasoning approach based on incompatibility among attributes. <i>Computers and Industrial Engineering</i> , 2015 , 87, 150-162	6.4	44
82	Parametric design of surface textures on journal bearing. <i>Industrial Lubrication and Tribology</i> , 2015 , 67, 359-369	1.3	31
81	Weighted cautious conjunctive rule for belief functions combination. <i>Information Sciences</i> , 2015 , 325, 70-86	7.7	16
80	A tribological study of the petaloid surface texturing for CoCrMo alloy artificial joints. <i>Applied Surface Science</i> , 2015 , 332, 557-564	6.7	33
79	Robust evidential reasoning approach with unknown attribute weights. <i>Knowledge-Based Systems</i> , 2014 , 59, 9-20	7.3	34
78	Boundary slip surface design for high speed water lubricated journal bearings. <i>Tribology International</i> , 2014 , 79, 32-41	4.9	38
77	Integrated evidential reasoning approach in the presence of cardinal and ordinal preferences and its applications in software selection. <i>Expert Systems With Applications</i> , 2014 , 41, 6718-6727	7.8	19
76	Development of a Failure Mode and Effects Analysis Based Risk Assessment Tool for Information Security. <i>Industrial Engineering and Management Systems</i> , 2014 , 13, 87-100	2.5	2
75	Accident analysis model based on Bayesian Network and Evidential Reasoning approach. <i>Journal of Loss Prevention in the Process Industries</i> , 2013 , 26, 10-21	3.5	49
74	Delays in service for non-emergent patients due to arrival of emergent patients in the emergency department: a case study in Hong Kong. <i>Journal of Emergency Medicine</i> , 2013 , 45, 271-80	1.5	10
73	A rough set approach for estimating correlation measures in quality function deployment. <i>Information Sciences</i> , 2012 , 189, 126-142	7.7	25
72	Rough set-based approach for modeling relationship measures in product planning. <i>Information Sciences</i> , 2012 , 193, 199-217	7.7	10
71	Determining the final priority ratings of customer requirements in product planning by MDBM and BSC. <i>Expert Systems With Applications</i> , 2012 , 39, 1243-1255	7.8	33
70	Belief rule-based methodology for mapping consumer preferences and setting product targets. <i>Expert Systems With Applications</i> , 2012 , 39, 4749-4759	7.8	56
69	On integrating multiple type preferences into competitive analyses of customer requirements in product planning. <i>International Journal of Production Economics</i> , 2012 , 139, 168-179	9.3	19
68	The use of OWA operator weights for cross-efficiency aggregation. <i>Omega</i> , 2011 , 39, 493-503	7.2	90
67	A linear programming approximation to the eigenvector method in the analytic hierarchy process. <i>Information Sciences</i> , 2011 , 181, 5240-5248	7.7	12
66	A linear goal programming approach to determining the relative importance weights of customer requirements in quality function deployment. <i>Information Sciences</i> , 2011 , 181, 5523-5533	7.7	27

65	Technical importance ratings in fuzzy QFD by integrating fuzzy normalization and fuzzy weighted average. <i>Computers and Mathematics With Applications</i> , 2011 , 62, 4207-4221	2.7	29
64	Weight determination in the cross-efficiency evaluation. <i>Computers and Industrial Engineering</i> , 2011 , 61, 497-502	6.4	49
63	A methodology to generate a belief rule base for customer perception risk analysis in new product development. <i>Expert Systems With Applications</i> , 2011 , 38, 5373-5383	7.8	37
62	Fuzzy data envelopment analysis: A fuzzy expected value approach. <i>Expert Systems With Applications</i> , 2011 , 38, 11678-11685	7.8	60
61	Internal pricing strategies design and simulation in virtual enterprise formation. <i>Expert Systems With Applications</i> , 2011 , 38, 13580-13580	7.8	0
60	Integrating preference analysis and balanced scorecard to product planning house of quality. <i>Computers and Industrial Engineering</i> , 2011 , 60, 256-268	6.4	19
59	Cross-efficiency evaluation based on ideal and anti-ideal decision making units. <i>Expert Systems With Applications</i> , 2011 , 38, 10312-10319	7.8	71
58	Design of optimal double auction mechanism with multi-objectives. <i>Expert Systems With Applications</i> , 2011 , 38, 13749-13749	7.8	3
57	Fuzzy analytic hierarchy process: A logarithmic fuzzy preference programming methodology. <i>International Journal of Approximate Reasoning</i> , 2011 , 52, 541-553	3.6	158
56	Estimating the final priority ratings of engineering characteristics in mature-period product improvement by MDBA and AHP. <i>International Journal of Production Economics</i> , 2011 , 131, 575-586	9.3	15
55	A neutral DEA model for cross-efficiency evaluation and its extension?. <i>Expert Systems With Applications</i> , 2010 , 37, 3666-3675	7.8	176
54	Some alternative models for DEA cross-efficiency evaluation. <i>International Journal of Production Economics</i> , 2010 , 128, 332-338	9.3	137
53	Development of audit system for intellectual property management excellence. <i>Expert Systems With Applications</i> , 2010 , 37, 4504-4518	7.8	15
52	Some alternative DEA models for two-stage process. <i>Expert Systems With Applications</i> , 2010 , 37, 8799-8808	7.8	72
51	Development of user-satisfaction-based knowledge management performance measurement system with evidential reasoning approach. <i>Expert Systems With Applications</i> , 2010 , 37, 366-382	7.8	20
50	. <i>IEEE Transactions on Fuzzy Systems</i> , 2009 , 17, 683-697	8.3	59
49	A new approach for the selection of advanced manufacturing technologies: DEA with double frontiers. <i>International Journal of Production Research</i> , 2009 , 47, 6663-6679	7.8	64
48	An Evidential-Reasoning-Interval-Based Method for New Product Design Assessment. <i>IEEE Transactions on Engineering Management</i> , 2009 , 56, 142-156	2.6	44

47	Failure mode and effects analysis by data envelopment analysis. <i>Decision Support Systems</i> , 2009 , 48, 246-256	7.8	131
46	Risk evaluation in failure mode and effects analysis using fuzzy weighted geometric mean. <i>Expert Systems With Applications</i> , 2009 , 36, 1195-1207	7.8	373
45	An evidential reasoning based approach for quality function deployment under uncertainty. <i>Expert Systems With Applications</i> , 2009 , 36, 5684-5694	7.8	62
44	Failure mode and effects analysis using a group-based evidential reasoning approach. <i>Computers and Operations Research</i> , 2009 , 36, 1768-1779	4.6	221
43	A new data envelopment analysis method for priority determination and group decision making in the analytic hierarchy process. <i>European Journal of Operational Research</i> , 2009 , 195, 239-250	5.6	50
42	Consumer preference prediction by using a hybrid evidential reasoning and belief rule-based methodology. <i>Expert Systems With Applications</i> , 2009 , 36, 8421-8430	7.8	33
41	Aggregation of direct and indirect judgments in pairwise comparison matrices with a re-examination of the criticisms by Bana e Costa and Vansnick. <i>Information Sciences</i> , 2009 , 179, 329-337	7.7	27
40	A note on the application of the data envelopment analytic hierarchy process for supplier selection. <i>International Journal of Production Research</i> , 2009 , 47, 3121-3138	7.8	33
39	Assessing new product development project risk by Bayesian network with a systematic probability generation methodology. <i>Expert Systems With Applications</i> , 2009 , 36, 9879-9890	7.8	110
38	Collaborative Supplier Integration for Product Design and Development 2009 , 99-116		1
37	Project Risk Modelling and Assessment in New Product Development 2009 , 259-269		
36	A data envelopment analysis method with assurance region for weight generation in the analytic hierarchy process. <i>Decision Support Systems</i> , 2008 , 45, 913-921	5.6	46
35	Group-based ERAHP system for product project screening. <i>Expert Systems With Applications</i> , 2008 , 35, 1909-1929	7.8	60
34	Development of a fuzzy FMEA based product design system. <i>International Journal of Advanced Manufacturing Technology</i> , 2008 , 36, 633-649	3.2	121
33	A linear goal programming priority method for fuzzy analytic hierarchy process and its applications in new product screening. <i>International Journal of Approximate Reasoning</i> , 2008 , 49, 451-465	3.6	86
32	The Evidential Reasoning Approach for Multi-attribute Decision Analysis under Both Fuzzy and Interval Uncertainty 2008 , 129-140		2
31	Discriminating DEA efficient candidates by considering their least relative total scores. <i>Journal of Computational and Applied Mathematics</i> , 2007 , 206, 209-215	2.4	34
30	Evidential reasoning based preference programming for multiple attribute decision analysis under uncertainty. <i>European Journal of Operational Research</i> , 2007 , 182, 1294-1312	5.6	63

29	Development and implementation of an integrated quality information system in China experience. <i>International Journal of Advanced Manufacturing Technology</i> , 2007 , 32, 608-616	3.2	9
28	Managing conflict in collaborative new product development: a supplier perspective. <i>International Journal of Quality and Reliability Management</i> , 2007 , 24, 891-907	2	9
27	Development of an assessment system for supplier quality management. <i>International Journal of Quality and Reliability Management</i> , 2006 , 23, 743-765	2	30
26	The evidential reasoning approach for multiple attribute decision analysis using interval belief degrees. <i>European Journal of Operational Research</i> , 2006 , 175, 35-66	5.6	181
25	On the centroids of fuzzy numbers. <i>Fuzzy Sets and Systems</i> , 2006 , 157, 919-926	3.7	211
24	An eigenvector method for generating normalized interval and fuzzy weights. <i>Applied Mathematics and Computation</i> , 2006 , 181, 1257-1275	2.7	50
23	A computer-integrated framework for global quality chain management. <i>International Journal of Advanced Manufacturing Technology</i> , 2006 , 27, 547-560	3.2	15
22	A CIMOSA presentation of an integrated product design review framework. <i>International Journal of Computer Integrated Manufacturing</i> , 2005 , 18, 260-278	4.3	10
21	QFD based optimal process quality planning. <i>International Journal of Advanced Manufacturing Technology</i> , 2005 , 26, 831-841	3.2	17
20	Identifying and prioritizing critical success factors for conflict management in collaborative new product development. <i>Industrial Marketing Management</i> , 2005 , 34, 761-772	6.9	110
19	Online assessment of new product development performance: an approach. <i>Total Quality Management and Business Excellence</i> , 2005 , 16, 157-169	2.7	14
18	CyberStamping: a Web-based environment for cooperative and integrated stamping product development. <i>International Journal of Computer Integrated Manufacturing</i> , 2004 , 17, 504-519	4.3	10
17	A comparative analysis of strategy determinants in manufacturing: some findings in Shanghai and Hong Kong. <i>International Journal of Manufacturing Technology and Management</i> , 2004 , 6, 457	0.4	1
16	A hybrid rough-cut process planning for quality. <i>International Journal of Advanced Manufacturing Technology</i> , 2003 , 22, 733-743	3.2	15
15	Internet-based distributive knowledge integrated system for product design. <i>Computers in Industry</i> , 2003 , 50, 195-205	11.6	24
14	Development of a knowledge-based self-assessment system for measuring organisational performance. <i>Expert Systems With Applications</i> , 2003 , 24, 443-455	7.8	40
13	Internet-based intensive product design platform for product design. <i>Knowledge-Based Systems</i> , 2003 , 16, 7-15	7.3	11
12	A measurement-communication-recognition framework of corporate culture change: An empirical study. <i>Human Factors and Ergonomics in Manufacturing</i> , 2002 , 12, 365-382	1.4	4

11	E-DREAM: A Web-Based Platform for Virtual Agile Manufacturing. <i>Concurrent Engineering Research and Applications</i> , 2002 , 10, 165-183	1.7	5
10	Web-Based Concurrent Stamping Part and Die Development. <i>Concurrent Engineering Research and Applications</i> , 2002 , 10, 213-228	1.7	13
9	STEP-based product modeling for concurrent stamped part and die development. <i>Computers in Industry</i> , 2001 , 46, 75-94	11.6	23
8	A review of the Chinese cultural influences on Chinese enterprise management. <i>International Journal of Management Reviews</i> , 2000 , 2, 325-338	6.4	97
7	Factors Influencing ISO 14000 Implementation in Printed Circuit Board Manufacturing Industry in Hong Kong. <i>Journal of Environmental Planning and Management</i> , 1999 , 42, 123-134	2.8	40
6	Knowledge-based evaluation for the conceptual design development of injection molding parts. <i>Engineering Applications of Artificial Intelligence</i> , 1996 , 9, 359-376	7.2	29
5	An expert system for injection mold cost estimation. <i>Advances in Polymer Technology</i> , 1995 , 14, 303-314	1.9	9
4	Risk management and market structures in seaport-dry port systems. <i>Maritime Economics and Logistics</i> , 1	2.6	1
3	Novel fusion strategies for continuous interval-valued q-rung orthopair fuzzy information: a case study in quality assessment of SmartWatch appearance design. <i>International Journal of Machine Learning and Cybernetics</i> , 1	3.8	10
2	An integrated quality-function-deployment and stochastic-dominance-based decision-making approach for prioritizing product concept alternatives. <i>Complex & Intelligent Systems</i> , 1	7.1	1
1	Daily tourism demand forecasting: the impact of complex seasonal patterns and holiday effects. <i>Current Issues in Tourism</i> , 1-20	5.8	3