

Dong-Ling Xu

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9326506/dong-ling-xu-publications-by-year.pdf>

Version: 2024-04-26

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.

137
papers

5,997
citations

40
h-index

75
g-index

154
ext. papers

6,980
ext. citations

4.6
avg, IF

6.22
L-index

#	Paper	IF	Citations
137	Corporate Failure Risk Assessment for Knowledge-Intensive Services Using the Evidential Reasoning Approach. <i>Journal of Risk and Financial Management</i> , 2022 , 15, 131	2.4	0
136	Will Delayed Retirement Affect the Health of Chinese Workers? A Study from the Perspective of Sustainability of Physical Health. <i>Sustainability</i> , 2021 , 13, 3187	3.6	
135	A probabilistic modeling approach for interpretable data inference and classification. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 40, 5101-5117	1.6	0
134	Data-driven preference learning in multiple criteria decision making in the evidential reasoning context. <i>Applied Soft Computing Journal</i> , 2021 , 102, 107109	7.5	1
133	An evidential reasoning rule based feature selection for improving trauma outcome prediction. <i>Applied Soft Computing Journal</i> , 2021 , 103, 107112	7.5	8
132	Generalised probabilistic linguistic evidential reasoning approach for multi-criteria decision-making under uncertainty. <i>Journal of the Operational Research Society</i> , 2021 , 72, 130-144	2	33
131	Decentralised energy and its performance assessment models. <i>Frontiers of Engineering Management</i> , 2021 , 8, 183-198	2.7	6
130	Visualising regional disparities in the risk of COVID-19 at different phases of lockdown in England. <i>Environment and Planning A</i> , 2021 , 53, 883-886	2.7	
129	Group article recommendation based on ER rule in Scientific Social Networks. <i>Applied Soft Computing Journal</i> , 2021 , 110, 107631	7.5	4
128	Probabilistic modeling approach for interpretable inference and prediction with data for sepsis diagnosis. <i>Expert Systems With Applications</i> , 2021 , 183, 115333	7.8	1
127	Evidential reasoning for preprocessing uncertain categorical data for trustworthy decisions: An application on healthcare and finance. <i>Expert Systems With Applications</i> , 2021 , 185, 115597	7.8	4
126	Evidential Reasoning Rule-Based Decision Support System for Predicting ICU Admission and In-Hospital Death of Trauma. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-12	7.3	8
125	An evidential reasoning approach based on risk attitude and criterion reliability. <i>Knowledge-Based Systems</i> , 2020 , 199, 105947	7.3	13
124	Distance-based intuitionistic multiplicative multiple criteria decision-making methods for healthcare management in West China Hospital. <i>Expert Systems</i> , 2020 , 37, e12479	2.1	5
123	An explainable AI decision-support-system to automate loan underwriting. <i>Expert Systems With Applications</i> , 2020 , 144, 113100	7.8	29
122	Automobile Insurance Fraud Detection using the Evidential Reasoning Approach and Data-Driven Inferential Modelling 2020 ,		1
121	Evidence updating with static and dynamical performance analyses for industrial alarm system design. <i>ISA Transactions</i> , 2020 , 99, 110-122	5.5	16

120	A double frontier DEA cross efficiency method aggregated by evidential reasoning approach for measuring road safety performance. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019 , 136, 668-688	4.6	17
119	Multiple Criteria Performance Assessment for Decentralized Energy Systems: A Case Study 2019 ,		1
118	Evaluating the performance of aggregate production planning strategies under uncertainty in soft drink industry. <i>Journal of Manufacturing Systems</i> , 2019 , 50, 146-162	9.1	14
117	Triangular bounded consistency of fuzzy preference relations. <i>Information Sciences</i> , 2019 , 479, 355-371	7.7	11
116	A new machine learning technique for predicting traumatic injuries outcomes based on the vital signs 2019 ,		1
115	Evidential reasoning with linguistic belief structures 2019 ,		1
114	Aggregate production planning under uncertainty: a comprehensive literature survey and future research directions. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 102, 159-181	3.2	15
113	An evidential reasoning approach based on criterion reliability and solution reliability. <i>Computers and Industrial Engineering</i> , 2019 , 128, 401-417	6.4	24
112	An empirical study on the application of the Evidential Reasoning rule to decision making in financial investment. <i>Knowledge-Based Systems</i> , 2019 , 164, 226-234	7.3	24
111	Selecting strategic partner for tax information systems based on weight learning with belief structures. <i>International Journal of Approximate Reasoning</i> , 2019 , 105, 66-84	3.6	27
110	Solving multiple-criteria R&D project selection problems with a data-driven evidential reasoning rule. <i>International Journal of Project Management</i> , 2019 , 37, 87-97	7.6	26
109	Combining principal component analysis and the evidential reasoning approach for healthcare quality assessment. <i>Annals of Operations Research</i> , 2018 , 271, 679-699	3.2	14
108	A continuous interval-valued linguistic ORESTE method for multi-criteria group decision making. <i>Knowledge-Based Systems</i> , 2018 , 153, 65-77	7.3	52
107	Multiple Criteria Performance Modelling and Impact Assessment of Renewable Energy Systems Literature Review 2018 , 1-15		2
106	Determining attribute weights for multiple attribute decision analysis with discriminating power in belief distributions. <i>Knowledge-Based Systems</i> , 2018 , 143, 127-141	7.3	37
105	Integrating meta-heuristics, simulation and exact techniques for production planning of a failure-prone manufacturing system. <i>European Journal of Operational Research</i> , 2018 , 266, 976-989	5.6	10
104	Using Two-layer Minimax Optimization and DEA to Determine Attribute Weights. <i>Journal of Management Science and Engineering</i> , 2018 , 3, 76-100	4.4	3
103	An evidential reasoning-based decision support system for handling customer complaints in mobile telecommunications. <i>Knowledge-Based Systems</i> , 2018 , 162, 202-210	7.3	22

102	Determining analogies based on the integration of multiple information sources. <i>International Journal of Forecasting</i> , 2018 , 34, 507-528	5.3	1
101	Evolutionary robust optimization in production planning [Interactions between number of objectives, sample size and choice of robustness measure. <i>Computers and Operations Research</i> , 2017 , 79, 266-278	4.6	12
100	Analysis of fuzzy Hamacher aggregation functions for uncertain multiple attribute decision making. <i>Information Sciences</i> , 2017 , 387, 19-33	7.7	27
99	Evaluation, ranking and selection of R&D projects by multiple experts: an evidential reasoning rule based approach. <i>Scientometrics</i> , 2017 , 111, 1501-1519	3	15
98	A Belief Rule-Based Expert System for Fault Diagnosis of Marine Diesel Engines. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 1-17	7.3	65
97	Novel decision model based on mixed chase and level strategy for aggregate production planning under uncertainty: Case study in beverage industry. <i>Computers and Industrial Engineering</i> , 2017 , 114, 54-68	6.4	10
96	Overall Efficiency and its Decomposition in a Two-Stage Network DEA Model. <i>Journal of Management Science and Engineering</i> , 2017 , 2, 161-192	4.4	1
95	A review on multiple criteria performance analysis of renewable energy systems 2017 ,		2
94	A methodology for assessing the effect of portfolio management on NPD performance based on Bayesian network scenarios. <i>Expert Systems</i> , 2017 , 34, e12186	2.1	4
93	A three-stage hybrid approach for weight assignment in MADM. <i>Omega</i> , 2017 , 71, 93-105	7.2	29
92	Data classification using evidence reasoning rule. <i>Knowledge-Based Systems</i> , 2017 , 116, 144-151	7.3	124
91	Inferential modelling and decision making with data 2017 ,		6
90	. <i>IEEE Transactions on Power Systems</i> , 2016 , 31, 2246-2254	7	52
89	An enhanced consensus reaching process in group decision making with intuitionistic fuzzy preference relations. <i>Information Sciences</i> , 2016 , 329, 274-286	7.7	93
88	Track irregularity fault identification Based on Evidence Reasoning rule 2016 ,		3
87	Application of Evidential Reasoning rules to identification of asthma control steps in children 2016 ,		2
86	Determining attribute weights to improve solution reliability and its application to selecting leading industries. <i>Annals of Operations Research</i> , 2016 , 245, 401-426	3.2	34
85	A new belief rule base knowledge representation scheme and inference methodology using the evidential reasoning rule for evidence combination. <i>Expert Systems With Applications</i> , 2016 , 51, 218-230	7.8	18

84	Distributed preference relations for multiple attribute decision analysis. <i>Journal of the Operational Research Society</i> , 2016 , 67, 457-473	2	41
83	A belief rule based expert system for predicting consumer preference in new product development. <i>Knowledge-Based Systems</i> , 2016 , 94, 105-113	7.3	46
82	Belief rule-based inference for predicting trauma outcome. <i>Knowledge-Based Systems</i> , 2016 , 95, 35-44	7.3	40
81	Demand Analysis with Aggregation Systems. <i>International Journal of Intelligent Systems</i> , 2016 , 31, 425-443	4.4	5
80	The optimal design of industrial alarm systems based on evidence theory. <i>Control Engineering Practice</i> , 2016 , 46, 142-156	3.9	48
79	Interval-valued Evidence Updating with Reliability and Sensitivity Analysis for Fault Diagnosis. <i>International Journal of Computational Intelligence Systems</i> , 2016 , 9, 396-415	3.4	16
78	Combined medical quality assessment using the evidential reasoning approach. <i>Expert Systems With Applications</i> , 2015 , 42, 5522-5530	7.8	49
77	Identification of uncertain nonlinear systems: Constructing belief rule-based models. <i>Knowledge-Based Systems</i> , 2015 , 73, 124-133	7.3	35
76	Circuit Tolerance Design Using Belief Rule Base. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-12	1.1	2
75	Research project evaluation and selection: an evidential reasoning rule-based method for aggregating peer review information with reliabilities. <i>Scientometrics</i> , 2015 , 105, 1469-1490	3	22
74	A Bibliometric Overview of Financial Studies. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 245-254	4	4
73	Interactive minimax optimisation for integrated performance analysis and resource planning. <i>Computers and Operations Research</i> , 2014 , 46, 78-90	4.6	16
72	Decision Support System for Evaluating Impact of Product Carbon Labeling Scheme. <i>Frontiers of Engineering Management</i> , 2014 , 1, 89	2.7	1
71	A Study on Generalising Bayesian Inference to Evidential Reasoning. <i>Lecture Notes in Computer Science</i> , 2014 , 180-189	0.9	16
70	Hidden Behavior Prediction of Complex Systems Based on Hybrid Information. <i>IEEE Transactions on Cybernetics</i> , 2013 , 43, 402-11	10.2	28
69	Evidential reasoning rule for evidence combination. <i>Artificial Intelligence</i> , 2013 , 205, 1-29	3.6	353
68	On the inference and approximation properties of belief rule based systems. <i>Information Sciences</i> , 2013 , 234, 121-135	7.7	54
67	Deriving Weights from Group Fuzzy Pairwise Comparison Judgement Matrices. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 545-555	0.4	

66	Generic Expert System and Its Application in Knowledge Modelling and Inference 2013 ,		2
65	An Evaluation of Website Upgrade Options: A Case Study Comparison of ANFIS and RIMER 2013 ,		1
64	A Genetic Algorithm Search Heuristic for Belief Rule-Based Model-Structure Validation 2013 ,		5
63	Context Similarity Metric for Multidimensional Service Recommendation. <i>International Journal of Electronic Commerce</i> , 2013 , 18, 73-104	5.4	11
62	Security Based Operation in Container Line Supply Chain: a Literature Review. <i>Atlantis Computational Intelligence Systems</i> , 2013 , 95-115		1
61	A Fuzzy Group Prioritization Method for Deriving Weights and its Software Implementation. <i>International Journal of Interactive Multimedia and Artificial Intelligence</i> , 2013 , 2, 7	3.8	3
60	Uncertain Nonlinear System Modeling and Identification Using Belief Rule-Based Systems. <i>Lecture Notes in Computer Science</i> , 2013 , 209-218	0.9	2
59	Decision Making with Fuzzy Moving Averages and OWA Operators. <i>Lecture Notes in Business Information Processing</i> , 2013 , 210-221	0.6	
58	Fire and Explosion Safety Assessment in Container Line Supply Chain. <i>Atlantis Computational Intelligence Systems</i> , 2013 , 295-306		
57	Integrated efficiency and trade-off analyses using a DEA-oriented interactive minimax reference point approach. <i>Computers and Operations Research</i> , 2012 , 39, 1062-1073	4.6	15
56	A belief rule-based decision support system for clinical risk assessment of cardiac chest pain. <i>European Journal of Operational Research</i> , 2012 , 219, 564-573	5.6	88
55	Estimation, modeling, and aggregation of missing survey data for prioritizing customer voices. <i>European Journal of Operational Research</i> , 2012 , 220, 762-776	5.6	5
54	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
53	Condition-based maintenance of dynamic systems using online failure prognosis and belief rule base. <i>Expert Systems With Applications</i> , 2012 , 39, 6140-6149	7.8	10
52	INTERVAL IDENTIFICATION OF UNCERTAIN NONLINEAR SYSTEMS USING BELIEF RULE-BASED SYSTEMS. <i>World Scientific Proceedings Series on Computer Engineering and Information Science</i> , 2012 , 762-768		
51	Belief rule-based system for portfolio optimisation with nonlinear cash-flows and constraints. <i>European Journal of Operational Research</i> , 2012 , 223, 775-784	5.6	10
50	An introduction and survey of the evidential reasoning approach for multiple criteria decision analysis. <i>Annals of Operations Research</i> , 2012 , 195, 163-187	3.2	77
49	Induction of belief decision trees from data 2012 ,		2

48	THE EVIDENTIAL REASONING APPROACH FOR RISK MANAGEMENT IN LARGE ENTERPRISES. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2012 , 20, 17-30	0.8	4
47	Multi-criteria service recommendation based on user criteria preferences 2011 ,		60
46	Online Updating Belief-Rule-Base Using the RIMER Approach. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2011 , 41, 1225-1243		65
45	Bayesian reasoning approach based recursive algorithm for online updating belief rule based expert system of pipeline leak detection. <i>Expert Systems With Applications</i> , 2011 , 38, 3937-3943	7.8	38
44	Inference analysis and adaptive training for belief rule based systems. <i>Expert Systems With Applications</i> , 2011 , 38, 12845-12860	7.8	60
43	Weapon System Capability Assessment under uncertainty based on the evidential reasoning approach. <i>Expert Systems With Applications</i> , 2011 , 38, 13773-13773	7.8	36
42	Minimizing total completion time on a single machine with a flexible maintenance activity. <i>Computers and Operations Research</i> , 2011 , 38, 755-770	4.6	47
41	Multicriteria evidential reasoning decision modelling and analysis prioritizing voices of customer. <i>Journal of the Operational Research Society</i> , 2011 , 62, 1638-1654	2	13
40	Introduction to the ER Rule for Evidence Combination. <i>Lecture Notes in Computer Science</i> , 2011 , 7-15	0.9	6
39	Uncertainty and Preference Modelling for Multiple Criteria Vehicle Evaluation. <i>International Journal of Computational Intelligence Systems</i> , 2010 , 3, 688-708	3.4	4
38	A sequential learning algorithm for online constructing belief-rule-based systems. <i>Expert Systems With Applications</i> , 2010 , 37, 1790-1799	7.8	57
37	Integrated bank performance assessment and management planning using hybrid minimax reference point IDEA approach. <i>European Journal of Operational Research</i> , 2010 , 207, 1506-1518	5.6	21
36	A model for real-time failure prognosis based on hidden Markov model and belief rule base. <i>European Journal of Operational Research</i> , 2010 , 207, 269-283	5.6	87
35	New model for system behavior prediction based on belief rule based systems. <i>Information Sciences</i> , 2010 , 180, 4834-4864	7.7	41
34	A Web Based Assessment Tool via the Evidential Reasoning Approach. <i>Atlantis Computational Intelligence Systems</i> , 2010 , 183-204		
33	An Offshore Risk Analysis Method Using Fuzzy Bayesian Network. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2009 , 131,	1.5	91
32	ASSESSMENT OF NUCLEAR WASTE REPOSITORY OPTIONS USING THE ER APPROACH. <i>International Journal of Information Technology and Decision Making</i> , 2009 , 08, 581-607	2.8	13
31	Applying a belief rule-base inference methodology to a guideline-based clinical decision support system. <i>Expert Systems</i> , 2009 , 26, 391-408	2.1	27

30	Integrating DEA-oriented performance assessment and target setting using interactive MOLP methods. <i>European Journal of Operational Research</i> , 2009 , 195, 205-222	5.6	60
29	Online updating belief rule based system for pipeline leak detection under expert intervention. <i>Expert Systems With Applications</i> , 2009 , 36, 7700-7709	7.8	77
28	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
27	Project Risk Modelling and Assessment in New Product Development 2009 , 259-269		
26	Clinical Decision Support Systems: A Review on Knowledge Representation and Inference Under Uncertainties. <i>International Journal of Computational Intelligence Systems</i> , 2008 , 1, 159-167	3.4	33
25	Application of an intelligent decision system to nuclear waste repository option analysis. <i>International Journal of Nuclear Governance, Economy and Ecology</i> , 2008 , 2, 146	0.3	3
24	APPLYING A NEW RULE-BASE INFERENCE METHODOLOGY INTO CLINICAL DECISION MAKING 2008 , ,		2
23	Group-based ERAHP system for product project screening. <i>Expert Systems With Applications</i> , 2008 , 35, 1909-1929	7.8	60
22	Ship selection using a multiple-criteria synthesis approach. <i>Journal of Marine Science and Technology</i> , 2008 , 13, 50-62	1.7	28
21	A methodology to model causal relationships on offshore safety assessment focusing on human and organizational factors. <i>Journal of Safety Research</i> , 2008 , 39, 87-100	4	117
20	Clinical Decision Support Systems: a Review of Knowledge Representation and Inference under Uncertainties. <i>International Journal of Computational Intelligence Systems</i> , 2008 , 1, 159	3.4	25
19	Clinical Decision Support Systems: a Review of Knowledge Representation and Inference under Uncertainties. <i>International Journal of Computational Intelligence Systems</i> , 2008 , 1, 159	3.4	38
18	Handling Uncertain and Qualitative Information in Impact Assessment [Applications of IDS in Policy Making Support. <i>Studies in Computational Intelligence</i> , 2008 , 159-185	0.8	1
17	On the combination and normalization of interval-valued belief structures?. <i>Information Sciences</i> , 2007 , 177, 1230-1247	7.7	72
16	Inference and learning methodology of belief-rule-based expert system for pipeline leak detection. <i>Expert Systems With Applications</i> , 2007 , 32, 103-113	7.8	178
15	Optimization Models for Training Belief-Rule-Based Systems. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2007 , 37, 569-585		156
14	The evidential reasoning approach for MADA under both probabilistic and fuzzy uncertainties. <i>European Journal of Operational Research</i> , 2006 , 171, 309-343	5.6	251
13	Intelligent decision system and its application in business innovation self assessment. <i>Decision Support Systems</i> , 2006 , 42, 664-673	5.6	30

12	A Methodology to Model Human and Organisational Errors on Offshore Risk Analysis 2006 ,		1
11	Environmental impact assessment using the evidential reasoning approach. <i>European Journal of Operational Research</i> , 2006 , 174, 1885-1913	5.6	340
10	The evidential reasoning approach for multi-attribute decision analysis under interval uncertainty. <i>European Journal of Operational Research</i> , 2006 , 174, 1914-1943	5.6	149
9	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
8	On the centroids of fuzzy numbers. <i>Fuzzy Sets and Systems</i> , 2006 , 157, 919-926	3.7	211
7	A two-stage logarithmic goal programming method for generating weights from interval comparison matrices. <i>Fuzzy Sets and Systems</i> , 2005 , 152, 475-498	3.7	242
6	Interval weight generation approaches based on consistency test and interval comparison matrices. <i>Applied Mathematics and Computation</i> , 2005 , 167, 252-273	2.7	110
5	A preference aggregation method through the estimation of utility intervals. <i>Computers and Operations Research</i> , 2005 , 32, 2027-2049	4.6	177
4	Comparison study of multi-attribute decision analytic software. <i>Journal of Multi-Criteria Decision Analysis</i> , 2005 , 13, 65-80	1.9	23
3	Intelligent decision system for self-assessment. <i>Journal of Multi-Criteria Decision Analysis</i> , 2003 , 12, 43-60.	0.9	52
2	On the evidential reasoning algorithm for multiple attribute decision analysis under uncertainty. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2002 , 32, 289-304		550
1	Nonlinear information aggregation via evidential reasoning in multiattribute decision analysis under uncertainty. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2002 , 32, 376-393		133