

# Hu-Chen Liu

## List of Publications by Year in Descending Order

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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.

180  
papers

7,424  
citations

52  
h-index

81  
g-index

183  
ext. papers

8,940  
ext. citations

4.9  
avg, IF

7.04  
L-index

#	Paper	IF	Citations
180	Spherical Linguistic Petri Nets for Knowledge Representation and Reasoning under Large Group Environment. <i>IEEE Transactions on Artificial Intelligence</i> , <b>2022</b> , 1-1	4.7	3
179	An integrated behavior decision-making approach for large group quality function deployment. <i>Information Sciences</i> , <b>2022</b> , 582, 334-348	7.7	4
178	New method for emergency decision making with an integrated regret theory-EDAS method in 2-tuple spherical linguistic environment.. <i>Applied Intelligence</i> , <b>2022</b> , 1-14	4.9	1
177	Knowledge Representation and Reasoning with an Extended Dynamic Uncertain Causality Graph under the Pythagorean Uncertain Linguistic Environment. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 4670	2.6	1
176	An integrated multi-criteria decision making approach with linguistic hesitant fuzzy sets for E-learning website evaluation and selection. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 102, 107118	7.5	22
175	Public transport customer satisfaction evaluation using an extended thermodynamic method: a case study of Shanghai, China. <i>Soft Computing</i> , <b>2021</b> , 25, 10901-10914	3.5	2
174	An improved alternative queuing method for occupational health and safety risk assessment and its application to construction excavation. <i>Automation in Construction</i> , <b>2021</b> , 126, 103672	9.6	12
173	A new data envelopment analysis-based model for failure mode and effect analysis with heterogeneous information. <i>Computers and Industrial Engineering</i> , <b>2021</b> , 157, 107350	6.4	3
172	Decades on emergency decision-making: a bibliometric analysis and literature review. <i>Complex &amp; Intelligent Systems</i> , <b>2021</b> , 1-14	7.1	4
171	A New Integrated Approach for Risk Evaluation and Classification With Dynamic Expert Weights. <i>IEEE Transactions on Reliability</i> , <b>2021</b> , 70, 163-174	4.6	14
170	A New Method for Quality Function Deployment With Extended Prospect Theory Under Hesitant Linguistic Environment. <i>IEEE Transactions on Engineering Management</i> , <b>2021</b> , 68, 442-451	2.6	12
169	Two decades on human reliability analysis: A bibliometric analysis and literature review. <i>Annals of Nuclear Energy</i> , <b>2021</b> , 151, 107969	1.7	15
168	A meta-evaluation model on science and technology project review experts using IVIF-BWM and MULTIMOORA. <i>Expert Systems With Applications</i> , <b>2021</b> , 168, 114236	7.8	13
167	A New Model for Failure Mode and Effect Analysis Integrating Linguistic Z-Numbers and Projection Method. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 530-538	8.3	22
166	Green Supply Chain Management <b>2021</b> , 1-11		
165	GSES Using Interval 2-Tuple Linguistic VIKOR Method <b>2021</b> , 133-151		
164	Green Supplier Evaluation and Selection: A Literature Review <b>2021</b> , 13-65		

163	GSES Using Interval 2-Tuple Linguistic Distance Operators <b>2021</b> , 111-132		
162	GSES Based on Intuitionistic Fuzzy VIKOR Method <b>2021</b> , 67-85		
161	GSSOA Using Linguistic Z-Numbers and AQM <b>2021</b> , 297-320		1
160	GSES with Heterogeneous Information and MABAC Method <b>2021</b> , 249-272		
159	GSES with Interval-Valued Intuitionistic Uncertain Linguistic GRA-TOPSIS <b>2021</b> , 181-200		
158	New Approach for Quality Function Deployment Using Linguistic Z-Numbers and EDAS Method. <i>Informatica</i> , <b>2021</b> , 565-582	2.9	3
157	Failure Mode and Effect Analysis Based on Probabilistic Linguistic Preference Relations and Gained and Lost Dominance Score Method. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	2
156	GSES with Large Group Uncertain Linguistic MULTIMOORA Method <b>2021</b> , 201-228		
155	GSSOA Using Double Hierarchy Hesitant Linguistic Sets and Decision Field Theory <b>2021</b> , 273-295		
154	GSES Based on Picture Fuzzy VIKOR Method <b>2021</b> , 87-109		
153	Knowledge representation and acquisition using R-numbers Petri nets considering conflict opinions. <i>Expert Systems</i> , <b>2021</b> , 38, e12660	2.1	4
152	Occupational health and safety risk assessment using an integrated TODIM-PROMETHEE model under linguistic spherical fuzzy environment. <i>International Journal of Intelligent Systems</i> , <b>2021</b> , 36, 6814-6836	8.4	9
151	A new method for quality function deployment using double hierarchy hesitant fuzzy linguistic term sets and axiomatic design approach. <i>Quality Engineering</i> , <b>2021</b> , 33, 511-522	1.4	1
150	GSES with Interval-Valued Intuitionistic Uncertain Linguistic AQM <b>2021</b> , 153-179		
149	GSES with Cloud Model Theory and QUALIFLEX Method <b>2021</b> , 229-248		
148	A New Linguistic Petri Net for Complex Knowledge Representation and Reasoning. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 1-1	4.2	5
147	Bipolar fuzzy Petri nets for knowledge representation and acquisition considering non-cooperative behaviors. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2020</b> , 11, 2297-2311	3.8	9
146	A New Integrated Multi-Criteria Decision Making and Multi-Objective Programming Model for Sustainable Supplier Selection and Order Allocation. <i>Symmetry</i> , <b>2020</b> , 12, 302	2.7	18

145	Passenger Satisfaction Evaluation of Public Transportation Using Pythagorean Fuzzy MULTIMOORA Method under Large Group Environment. <i>Sustainability</i> , <b>2020</b> , 12, 4996	3.6	18
144	Failure mode and effect analysis improvement: A systematic literature review and future research agenda. <i>Reliability Engineering and System Safety</i> , <b>2020</b> , 199, 106885	6.3	51
143	A new integrated approach for engineering characteristic prioritization in quality function deployment. <i>Advanced Engineering Informatics</i> , <b>2020</b> , 45, 101099	7.4	24
142	Occupational Health and Safety Risk Assessment based on Combination Weighting and Uncertain Linguistic Information: Method Development and Application to a Construction Project. <i>IJSE Transactions on Occupational Ergonomics and Human Factors</i> , <b>2020</b> , 8, 175-186	4	6
141	A large group linguistic Z-DEMATEL approach for identifying key performance indicators in hospital performance management. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 86, 105900	7.5	53
140	Grey Reasoning Petri Nets for Large Group Knowledge Representation and Reasoning. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 3315-3329	8.3	9
139	Failure mode and effects analysis for proactive healthcare risk evaluation: A systematic literature review. <i>Journal of Evaluation in Clinical Practice</i> , <b>2020</b> , 26, 1320-1337	2.5	17
138	Emergency decision making with extended axiomatic design approach under picture fuzzy environment. <i>Expert Systems</i> , <b>2020</b> , 37, e12482	2.1	18
137	Occupational health and safety risk assessment using an integrated SWARA-MABAC model under bipolar fuzzy environment. <i>Computational and Applied Mathematics</i> , <b>2020</b> , 39, 1	2.4	9
136	An Integrated Decision-Making Model for Analyzing Key Performance Indicators in University Performance Management. <i>Mathematics</i> , <b>2020</b> , 8, 1729	2.3	6
135	Undergraduate teaching audit and evaluation using an extended MABAC method under q-rung orthopair fuzzy environment. <i>International Journal of Intelligent Systems</i> , <b>2020</b> , 35, 1912-1933	8.4	20
134	Green Supplier Evaluation and Selections: A State-of-the-Art Literature Review of Models, Methods, and Applications. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-25	1.1	12
133	Improving quality function deployment analysis with the cloud MULTIMOORA method. <i>International Transactions in Operational Research</i> , <b>2020</b> , 27, 1600-1621	2.9	39
132	A novel method for failure mode and effects analysis using fuzzy evidential reasoning and fuzzy Petri nets. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2020</b> , 11, 2381-2395	3.7	19
131	An Extended Alternative Queuing Method with Linguistic Z-numbers and Its Application for Green Supplier Selection and Order Allocation. <i>International Journal of Fuzzy Systems</i> , <b>2019</b> , 21, 2510-2523	3.6	30
130	A New Model for Failure Mode and Effects Analysis Based on k-Means Clustering Within Hesitant Linguistic Environment. <i>IEEE Transactions on Engineering Management</i> , <b>2019</b> , 1-11	2.6	18
129	Failure mode and effect analysis using interval type-2 fuzzy sets and fuzzy Petri nets. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2019</b> , 37, 693-709	1.6	12
128	Failure mode and effect analysis using multi-criteria decision making methods: A systematic literature review. <i>Computers and Industrial Engineering</i> , <b>2019</b> , 135, 881-897	6.4	86

127	New Community Estimation Method in Bipartite Networks Based on Quality of Filtering Coefficient. <i>Scientific Programming</i> , <b>2019</b> , 2019, 1-12	1.4	2
126	An extended prospect theory VIKOR approach for emergency decision making with 2-dimension uncertain linguistic information. <i>Soft Computing</i> , <b>2019</b> , 23, 12139-12150	3.5	21
125	A Novel Failure Mode and Effect Analysis Approach Integrating Probabilistic Linguistic Term Sets and Fuzzy Petri Nets. <i>IEEE Access</i> , <b>2019</b> , 7, 54918-54928	3.5	12
124	An Extended Picture Fuzzy VIKOR Approach for Sustainable Supplier Management and Its Application in the Beef Industry. <i>Symmetry</i> , <b>2019</b> , 11, 468	2.7	53
123	Picture Fuzzy Petri Nets for Knowledge Representation and Acquisition in Considering Conflicting Opinions. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 983	2.6	21
122	A linguistic risk prioritization approach for failure mode and effects analysis: A case study of medical product development. <i>Quality and Reliability Engineering International</i> , <b>2019</b> , 35, 1735-1752	2.6	32
121	FMEA Using ITHWD Measure and Its Application to Blood Transfusion <b>2019</b> , 49-71		
120	A dynamic approach for emergency decision making based on prospect theory with interval-valued Pythagorean fuzzy linguistic variables. <i>Computers and Industrial Engineering</i> , <b>2019</b> , 131, 57-65	6.4	37
119	FMEA for Proactive Healthcare Risk Analysis: A Systematic Literature Review <b>2019</b> , 15-45		14
118	A new approach for emergency decision-making based on zero-sum game with Pythagorean fuzzy uncertain linguistic variables. <i>International Journal of Intelligent Systems</i> , <b>2019</b> , 34, 1667-1684	8.4	38
117	FMEA Using IVIF-COPRAS and IVIF-ANP and Its Application to Hospital Service Diagnosing <b>2019</b> , 223-245		0
116	FMEA Using ITL-ELECTRE Approach and Its Application to Proton Beam Radiotherapy <b>2019</b> , 97-124		1
115	FMEA Using Cluster Analysis and Prospect Theory and Its Application to Blood Transfusion <b>2019</b> , 73-96		2
114	FMEA Using Uncertain Linguistic GRA-TOPSIS and Its Application to Endotracheal Suctioning <b>2019</b> , 173-193		
113	FMEA Based on Fuzzy MULTIMOORA and Its Application to Prevent Infant Abduction <b>2019</b> , 247-268		
112	Identification of Key Performance Indicators for Hospital Management Using an Extended Hesitant Linguistic DEMATEL Approach. <i>Healthcare (Switzerland)</i> , <b>2019</b> , 8,	3.4	7
111	Improving Risk Evaluation in FMEA With Cloud Model and Hierarchical TOPSIS Method. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 84-95	8.3	131
110	An Integrated Multi-Criteria Decision Making Approach to Location Planning of Electric Vehicle Charging Stations. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2019</b> , 20, 362-373	6.1	53

109	Inter-department patient handoff quality and its contributing factors in Chinese hospitals. <i>Cognition, Technology and Work</i> , <b>2019</b> , 21, 133-143	2.9	1
108	New approach for quality function deployment based on proportional hesitant fuzzy linguistic term sets and prospect theory. <i>International Journal of Production Research</i> , <b>2019</b> , 57, 1283-1299	7.8	54
107	Robot Evaluation and Selection Using the Hesitant Fuzzy Linguistic MULTIMOORA Method. <i>Journal of Testing and Evaluation</i> , <b>2019</b> , 47, 20170094	1	12
106	FMEA Using HTL-QUALIFLEX Approach and Its Application to C-Arm X-Ray Machine <b>2019</b> , 287-309		
105	A new integrated MCDM model for sustainable supplier selection under interval-valued intuitionistic uncertain linguistic environment. <i>Information Sciences</i> , <b>2019</b> , 486, 254-270	7.7	99
104	Improved FMEA Methods for Proactive Healthcare Risk Analysis <b>2019</b> ,		10
103	FMEA Using Combination Weighting and Fuzzy VIKOR and Its Application to General Anesthesia <b>2019</b> , 151-172		0
102	FMEA Using Cloud Model and PROMETHEE Method and Its Application to Emergency Department <b>2019</b> , 197-221		2
101	FMEA Based on Interval 2-Tuple Linguistic GRA Method and Its Application to C-Arm X-Ray Machine <b>2019</b> , 271-286		1
100	FMEA Using IVIFSs and MABAC Method and Its Application to Radiation Therapy <b>2019</b> , 125-150		2
99	Pythagorean Fuzzy Petri Nets for Knowledge Representation and Reasoning in Large Group Context. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 1-11	7.3	5
98	A Bayesian Inference Method Using Monte Carlo Sampling for Estimating the Number of Communities in Bipartite Networks. <i>Scientific Programming</i> , <b>2019</b> , 2019, 1-12	1.4	1
97	An improved reliability model for FMEA using probabilistic linguistic term sets and TODIM method. <i>Annals of Operations Research</i> , <b>2019</b> , 1	3.2	17
96	Green Supplier Evaluation and Selection with an Extended MABAC Method Under the Heterogeneous Information Environment. <i>Sustainability</i> , <b>2019</b> , 11, 6616	3.6	13
95	An integrated approach for failure mode and effect analysis based on uncertain linguistic GRAIIOPSIS method. <i>Soft Computing</i> , <b>2019</b> , 23, 8801-8814	3.5	35
94	An integrated MCDM method for robot selection under interval-valued Pythagorean uncertain linguistic environment. <i>International Journal of Intelligent Systems</i> , <b>2019</b> , 34, 188-214	8.4	32
93	Failure Mode and Effects Analysis Using Two-Dimensional Uncertain Linguistic Variables and Alternative Queuing Method. <i>IEEE Transactions on Reliability</i> , <b>2019</b> , 68, 554-565	4.6	48
92	Systematic failure mode and effect analysis using a hybrid multiple criteria decision-making approach. <i>Total Quality Management and Business Excellence</i> , <b>2019</b> , 30, 537-564	2.7	33

91	Failure mode and effect analysis with extended grey relational analysis method in cloud setting. <i>Total Quality Management and Business Excellence</i> , <b>2019</b> , 30, 745-767	2.7	49
90	An integrated approach for failure mode and effect analysis under interval-valued intuitionistic fuzzy environment. <i>International Journal of Production Economics</i> , <b>2019</b> , 207, 163-172	9.3	109
89	An improved approach for failure mode and effect analysis involving large group of experts: An application to the healthcare field. <i>Quality Engineering</i> , <b>2018</b> , 30, 762-775	1.4	57
88	A large group decision making approach for dependence assessment in human reliability analysis. <i>Reliability Engineering and System Safety</i> , <b>2018</b> , 176, 135-144	6.3	32
87	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2018</b> , 30, 717-728	4.2	38
86	Acquiring and Sharing Tacit Knowledge Based on Interval 2-Tuple Linguistic Assessments and Extended Fuzzy Petri Nets. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , <b>2018</b> , 26, 43-65	0.8	30
85	Robot Evaluation and Selection with Entropy-Based Combination Weighting and Cloud TODIM Approach. <i>Entropy</i> , <b>2018</b> , 20,	2.8	23
84	A Novel Integrated Approach for Green Supplier Selection with Interval-Valued Intuitionistic Uncertain Linguistic Information: A Case Study in the Agri-Food Industry. <i>Sustainability</i> , <b>2018</b> , 10, 733	3.6	39
83	A 2-dimension uncertain linguistic DEMATEL method for identifying critical success factors in emergency management. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 71, 386-395	7.5	45
82	Optimal Siting of Electric Vehicle Charging Stations Using Pythagorean Fuzzy VIKOR Approach. <i>Mathematical Problems in Engineering</i> , <b>2018</b> , 2018, 1-12	1.1	23
81	A Hybrid MCDM Approach for Large Group Green Supplier Selection With Uncertain Linguistic Information. <i>IEEE Access</i> , <b>2018</b> , 6, 50372-50383	3.5	32
80	DEMATEL Technique: A Systematic Review of the State-of-the-Art Literature on Methodologies and Applications. <i>Mathematical Problems in Engineering</i> , <b>2018</b> , 2018, 1-33	1.1	246
79	Failure mode and effect analysis using MULTIMOORA method with continuous weighted entropy under interval-valued intuitionistic fuzzy environment. <i>Soft Computing</i> , <b>2017</b> , 21, 5355-5367	3.5	110
78	Determining Truth Degrees of Input Places in Fuzzy Petri Nets. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 3425-3431	7.3	7
77	Fuzzy Petri nets for knowledge representation and reasoning: A literature review. <i>Engineering Applications of Artificial Intelligence</i> , <b>2017</b> , 60, 45-56	7.2	120
76	A key stakeholder-based financial subsidy stimulation for Chinese EV industrialization: A system dynamics simulation. <i>Technological Forecasting and Social Change</i> , <b>2017</b> , 118, 1-14	9.5	33
75	New approach for failure mode and effect analysis using linguistic distribution assessments and TODIM method. <i>Reliability Engineering and System Safety</i> , <b>2017</b> , 167, 302-309	6.3	154
74	Developing sustainable supplier selection criteria for solar air-conditioner manufacturer: An integrated approach. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 79, 1461-1471	16.2	83

73	Identifying critical risk factors of sustainable supply chain management: A rough strength-relation analysis method. <i>Journal of Cleaner Production</i> , <b>2017</b> , 143, 100-115	10.3	88
72	Exploring critical factors influencing the diffusion of electric vehicles in China: A multi-stakeholder perspective. <i>Research in Transportation Economics</i> , <b>2017</b> , 66, 46-58	2.4	33
71	Optimal Environmental Regulation Intensity of Manufacturing Technology Innovation in View of Pollution Heterogeneity. <i>Sustainability</i> , <b>2017</b> , 9, 1240	3.6	15
70	An integrated decision making approach for assessing healthcare waste treatment technologies from a multiple stakeholder. <i>Waste Management</i> , <b>2017</b> , 59, 508-517	8.6	66
69	Hesitant fuzzy integrated MCDM approach for quality function deployment: a case study in electric vehicle. <i>International Journal of Production Research</i> , <b>2017</b> , 55, 4436-4449	7.8	78
68	Failure Mode and Effect Analysis Using Cloud Model Theory and PROMETHEE Method. <i>IEEE Transactions on Reliability</i> , <b>2017</b> , 66, 1058-1072	4.6	95
67	Green Supplier Evaluation and Selection Using Cloud Model Theory and the QUALIFLEX Method. <i>Sustainability</i> , <b>2017</b> , 9, 688	3.6	58
66	An Extended VIKOR Method Using Intuitionistic Fuzzy Sets and Combination Weights for Supplier Selection. <i>Symmetry</i> , <b>2017</b> , 9, 169	2.7	55
65	Identifying Key Performance Indicators for Holistic Hospital Management with a Modified DEMATEL Approach. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	32
64	Failure Mode and Effect Analysis using Soft Set Theory and COPRAS Method. <i>International Journal of Computational Intelligence Systems</i> , <b>2017</b> , 10, 1002	3.4	27
63	Risk evaluation in failure mode and effects analysis using fuzzy digraph and matrix approach. <i>Journal of Intelligent Manufacturing</i> , <b>2016</b> , 27, 805-816	6.7	63
62	Evaluating the risk of failure modes with a hybrid MCDM model under interval-valued intuitionistic fuzzy environments. <i>Computers and Industrial Engineering</i> , <b>2016</b> , 102, 175-185	6.4	115
61	FMEA Using Intuitionistic Fuzzy Hybrid Weighted Euclidean Distance Operator <b>2016</b> , 31-46		2
60	FMEA Combining VIKOR, DEMATEL, and AHP Methods <b>2016</b> , 199-213		3
59	An integrated linguistic MCDM approach for robot evaluation and selection with incomplete weight information. <i>International Journal of Production Research</i> , <b>2016</b> , 54, 5452-5467	7.8	47
58	Linguistic Reasoning Petri Nets for Knowledge Representation and Reasoning. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2016</b> , 46, 499-511	7.3	24
57	An interval-valued intuitionistic fuzzy MABAC approach for material selection with incomplete weight information. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 38, 703-713	7.5	130
56	Fuzzy Petri nets Using Intuitionistic Fuzzy Sets and Ordered Weighted Averaging Operators. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 1839-50	10.2	37



55	FMEA Using Combination Weighting and Fuzzy VIKOR Method <b>2016</b> , 183-198		1
54	FMEA Using Uncertainty Theories and MCDM Methods <b>2016</b> , 13-27		19
53	FMEA Using Fuzzy Evidential Reasoning and GRA Method <b>2016</b> , 67-81		2
52	FMEA Using Fuzzy VIKOR Method <b>2016</b> , 101-116		1
51	FMEA Using Intuitionistic Fuzzy Hybrid TOPSIS Approach <b>2016</b> , 117-130		1
50	FMEA <b>2016</b> , 3-12		
49	FMEA Using D Numbers and Grey Relational Projection Method <b>2016</b> , 83-97		
48	FMEA Using Fuzzy MULTIMOORA Method <b>2016</b> , 165-179		
47	Some Interval 2-Tuple Linguistic Harmonic Mean Operators and Their Application in Material Selection. <i>Advances in Materials Science and Engineering</i> , <b>2016</b> , 2016, 1-13	1.5	9
46	Interval 2-Tuple Linguistic Distance Operators and Their Applications to Supplier Evaluation and Selection. <i>Mathematical Problems in Engineering</i> , <b>2016</b> , 2016, 1-12	1.1	6
45	Uncertain Quality Function Deployment Using a Hybrid Group Decision Making Model. <i>Symmetry</i> , <b>2016</b> , 8, 119	2.7	11
44	Health-Care Waste Treatment Technology Selection Using the Interval 2-Tuple Induced TOPSIS Method. <i>International Journal of Environmental Research and Public Health</i> , <b>2016</b> , 13,	4.6	44
43	Adopting Strategic Niche Management to Evaluate EV Demonstration Projects in China. <i>Sustainability</i> , <b>2016</b> , 8, 142	3.6	20
42	FMEA Using Interval 2-Tuple Hybrid Weighted Distance Measure <b>2016</b> , 47-65		
41	FMEA Using Fuzzy Digraph and Matrix Approach <b>2016</b> , 151-164		1
40	FMEA Using Uncertainty Theories and MCDM Methods <b>2016</b> ,		19
39	An integrated failure mode and effect analysis approach for accurate risk assessment under uncertainty. <i>IIE Transactions</i> , <b>2016</b> , 48, 1027-1042		84
38	. <i>IEEE Transactions on Reliability</i> , <b>2016</b> , 65, 1380-1392	4.6	106

37	Where does whichever occurs first hold for preventive maintenance modelings?. <i>Reliability Engineering and System Safety</i> , <b>2015</b> , 142, 203-211	6.3	20
36	A novel approach for failure mode and effects analysis using combination weighting and fuzzy VIKOR method. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 28, 579-588	7.5	218
35	Integrating systematic layout planning with fuzzy constraint theory to design and optimize the facility layout for operating theatre in hospitals. <i>Journal of Intelligent Manufacturing</i> , <b>2015</b> , 26, 87-95	6.7	52
34	A Novel Approach for FMEA: Combination of Interval 2-Tuple Linguistic Variables and Gray Relational Analysis. <i>Quality and Reliability Engineering International</i> , <b>2015</b> , 31, 761-772	2.6	107
33	Risk assessment in system FMEA combining fuzzy weighted average with fuzzy decision-making trial and evaluation laboratory. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2015</b> , 28, 701-714	4.3	78
32	Failure mode and effects analysis using intuitionistic fuzzy hybrid TOPSIS approach. <i>Soft Computing</i> , <b>2015</b> , 19, 1085-1098	3.5	103
31	Disaster Relief Facility Network Design in Metropolises. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2015</b> , 45, 751-761	7.3	31
30	Evaluating health-care waste treatment technologies using a hybrid multi-criteria decision making model. <i>Renewable and Sustainable Energy Reviews</i> , <b>2015</b> , 41, 932-942	16.2	130
29	Group multi-criteria supplier selection using an extended VIKOR method with interval 2-tuple linguistic information. <i>Expert Systems With Applications</i> , <b>2015</b> , 42, 1906-1916	7.8	145
28	Personnel Selection Using Interval 2-Tuple Linguistic VIKOR Method. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2015</b> , 25, 370-384	1.4	39
27	Improving risk evaluation in FMEA with a hybrid multiple criteria decision making method. <i>International Journal of Quality and Reliability Management</i> , <b>2015</b> , 32, 763-782	2	68
26	A novel hybrid multiple criteria decision making model for material selection with target-based criteria. <i>Materials &amp; Design</i> , <b>2014</b> , 60, 380-390		68
25	Site selection in waste management by the VIKOR method using linguistic assessment. <i>Applied Soft Computing Journal</i> , <b>2014</b> , 21, 453-461	7.5	72
24	Site selection in municipal solid waste management with extended VIKOR method under fuzzy environment. <i>Environmental Earth Sciences</i> , <b>2014</b> , 72, 4179-4189	2.9	44
23	Failure mode and effects analysis using D numbers and grey relational projection method. <i>Expert Systems With Applications</i> , <b>2014</b> , 41, 4670-4679	7.8	170
22	Human reliability assessment for medical devices based on failure mode and effects analysis and fuzzy linguistic theory. <i>Safety Science</i> , <b>2014</b> , 62, 248-256	5.8	71
21	Evaluating the risk of healthcare failure modes using interval 2-tuple hybrid weighted distance measure. <i>Computers and Industrial Engineering</i> , <b>2014</b> , 78, 249-258	6.4	74
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17	An interval 2-tuple linguistic MCDM method for robot evaluation and selection. <i>International Journal of Production Research</i> , <b>2014</b> , 52, 2867-2880	7.8	73
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14	Fault diagnosis and cause analysis using fuzzy evidential reasoning approach and dynamic adaptive fuzzy Petri nets. <i>Computers and Industrial Engineering</i> , <b>2013</b> , 66, 899-908	6.4	54
13	Assessment of health-care waste disposal methods using a VIKOR-based fuzzy multi-criteria decision making method. <i>Waste Management</i> , <b>2013</b> , 33, 2744-51	8.6	96
12	. <i>IEEE Transactions on Reliability</i> , <b>2013</b> , 62, 23-36	4.6	125
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