Keli Hu

List of Publications by Citations

123 papers	3,738 citations	31 h-index	57 g-index
132 ext. papers	4,282 ext. citations	2.8 avg, IF	7.13 L-index

#	Paper	IF	Citations
123	A multicriteria decision-making method using aggregation operators for simplified neutrosophic sets. *Journal of Intelligent and Fuzzy Systems*, **2014**, 26, 2459-2466	1.6	372
122	Multicriteria decision-making method using the correlation coefficient under single-valued neutrosophic environment. *International Journal of General Systems*, **2013**, 42, 386-394	2.1	324
121	Similarity measures between interval neutrosophic sets and their applications in multicriteria decision-making. *Journal of Intelligent and Fuzzy Systems*, **2014**, 26, 165-172	1.6	220
120	Single valued neutrosophic cross-entropy for multicriteria decision making problems. *Applied Mathematical Modelling*, **2014**, 38, 1170-1175	4.5	216
119	Improved cosine similarity measures of simplified neutrosophic sets for medical diagnoses. *Artificial Intelligence in Medicine*, **2015**, 63, 171-9	7.4	174
118	Trapezoidal neutrosophic set and its application to multiple attribute decision-making. *Neural Computing and Applications*, **2015**, 26, 1157-1166	4.8	101
117	Single-valued neutrosophic similarity measures based on cotangent function and their application in the fault diagnosis of steam turbine. *Soft Computing*, **2017**, 21, 817-825	3.5	88
116	Single-Valued Neutrosophic Minimum Spanning Tree and Its Clustering Method. *Journal of Intelligent Systems*, **2014**, 23, 311-324	1.5	83
115	An extended TOPSIS method for multiple attribute group decision making based on single valued neutrosophic linguistic numbers. *Journal of Intelligent and Fuzzy Systems*, **2015**, 28, 247-255	1.6	82
114	Multi-period medical diagnosis method using a single valued neutrosophic similarity measure based on tangent function. *Computer Methods and Programs in Biomedicine*, **2016**, 123, 142-9	6.9	81
113	Multiple-attribute Decision-Making Method under a Single-Valued Neutrosophic Hesitant Fuzzy Environment. *Journal of Intelligent Systems*, **2015**, 24, 23-36	1.5	80
112	Improved correlation coefficients of single valued neutrosophic sets and interval neutrosophic sets for multiple attribute decision making. *Journal of Intelligent and Fuzzy Systems*, **2014**, 27, 2453-2462	1.6	72
111	A novel image thresholding algorithm based on neutrosophic similarity score. *Measurement: Journal of the International Measurement Confederation*, **2014**, 58, 175-186	4.6	66
110	Multiple Attribute Group Decision-Making Method Based on Linguistic Neutrosophic Numbers. *Symmetry*, **2017**, 9, 111	2.7	61
109	Clustering Methods Using Distance-Based Similarity Measures of Single-Valued Neutrosophic Sets. *Journal of Intelligent Systems*, **2014**, 23, 379-389	1.5	61
108	Some aggregation operators of interval neutrosophic linguistic numbers for multiple attribute decision making. *Journal of Intelligent and Fuzzy Systems*, **2014**, 27, 2231-2241	1.6	57
107	Bidirectional projection method for multiple attribute group decision making with neutrosophic numbers. *Neural Computing and Applications*, **2017**, 28, 1021-1029	4.8	56

106	Multiple attribute decision-making method based on the possibility degree ranking method and ordered weighted aggregation operators of interval neutrosophic numbers. *Journal of Intelligent and Fuzzy Systems*, **2015**, 28, 1307-1317	1.6	50
105	Multiple attribute group decision-making method with completely unknown weights based on similarity measures under single valued neutrosophic environment. *Journal of Intelligent and Fuzzy Systems*, **2014**, 27, 2927-2935	1.6	50
104	Accurate Image-Guided Stereo Matching With Efficient Matching Cost and Disparity Refinement. *IEEE Transactions on Circuits and Systems for Video Technology*, **2016**, 26, 1632-1645	6.4	47
103	Some distances, similarity and entropy measures for interval-valued neutrosophic sets and their relationship. *International Journal of Machine Learning and Cybernetics*, **2019**, 10, 347-355	3.8	47
102	Intuitionistic fuzzy hybrid arithmetic and geometric aggregation operators for the decision-making of mechanical design schemes. *Applied Intelligence*, **2017**, 47, 743-751	4.9	44
101	Dombi Aggregation Operators of Neutrosophic Cubic Sets for Multiple Attribute Decision-Making. *Algorithms*, **2018**, 11, 29	1.8	44
100	Projection and bidirectional projection measures of single-valued neutrosophic sets and their decision-making method for mechanical design schemes. *Journal of Experimental and Theoretical Artificial Intelligence*, **2017**, 29, 731-740	2	41
99	Prioritized aggregation operators of trapezoidal intuitionistic fuzzy sets and their application to multicriteria decision-making. *Neural Computing and Applications*, **2014**, 25, 1447-1454	4.8	37
98	Multiple attribute group decision making based on interval neutrosophic uncertain linguistic variables. *International Journal of Machine Learning and Cybernetics*, **2017**, 8, 837-848	3.8	36
97	A novel object tracking algorithm by fusing color and depth information based on single valued neutrosophic cross-entropy. *Journal of Intelligent and Fuzzy Systems*, **2017**, 32, 1775-1786	1.6	36
96	Multiple-Attribute Group Decision-Making Method under a Neutrosophic Number Environment. *Journal of Intelligent Systems*, **2016**, 25, 377-386	1.5	33
95	Multiple Attribute Decision-Making Methods Based on the Expected Value and the Similarity Measure of Hesitant Neutrosophic Linguistic Numbers. *Cognitive Computation*, **2018**, 10, 454-463	4.4	33
94	Bonferroni Mean Operators of Linguistic Neutrosophic Numbers and Their Multiple Attribute Group Decision-Making Methods. *Information (Switzerland)*, **2017**, 8, 107	2.6	33
93	Simplified neutrosophic harmonic averaging projection-based method for multiple attribute decision-making problems. *International Journal of Machine Learning and Cybernetics*, **2017**, 8, 981-987	3.8	32
92	Cosine Measures of Linguistic Neutrosophic Numbers and Their Application in Multiple Attribute Group Decision-Making. *Information (Switzerland)*, **2017**, 8, 117	2.6	29
91	Single-Valued Neutrosophic Clustering Algorithms Based on Similarity Measures. *Journal of Classification*, **2017**, 34, 148-162	1.2	28
90	Several hybrid aggregation operators for triangular intuitionistic fuzzy set and their application in multi-criteria decision making. *Granular Computing*, **2018**, 3, 153-168	5.4	28
89	Linguistic Neutrosophic Cubic Numbers and Their Multiple Attribute Decision-Making Method. *Information (Switzerland)*, **2017**, 8, 110	2.6	28

88	Exponential operations and aggregation operators of interval neutrosophic sets and their decision making methods. *SpringerPlus*, **2016**, 5, 1488		28
87	Multiple attribute group decision-making methods with unknown weights in intuitionistic fuzzy setting and interval-valued intuitionistic fuzzy setting. *International Journal of General Systems*, **2013**, 42, 489-502	2.1	27
86	Neutrosophic number linear programming method and its application under neutrosophic number environments. *Soft Computing*, **2018**, 22, 4639-4646	3.5	26
85	Interval Neutrosophic Multiple Attribute Decision-Making Method with Credibility Information. *International Journal of Fuzzy Systems*, **2016**, 18, 914-923	3.6	24
84	A non-cooperative non-zero-sum game-based dependability assessment of heterogeneous WSNs with malware diffusion. *Journal of Network and Computer Applications*, **2017**, 91, 26-35	7.9	22
83	Interval-valued intuitionistic fuzzy cosine similarity measures for multiple attribute decision-making. *International Journal of General Systems*, **2013**, 42, 883-891	2.1	20
82	Single-Valued Neutrosophic Hybrid Arithmetic and Geometric Aggregation Operators and Their Decision-Making Method. *Information (Switzerland)*, **2017**, 8, 84	2.6	20
81	Multicriteria group decision-making method using the distances-based similarity measures between intuitionistic trapezoidal fuzzy numbers. *International Journal of General Systems*, **2012**, 41, 729-739	2.1	20
80	Aggregation operators of neutrosophic linguistic numbers for multiple attribute group decision making. *SpringerPlus*, **2016**, 5, 1691		20
79	Multiple Attribute Decision-Making Method Using Correlation Coefficients of Normal Neutrosophic Sets. *Symmetry*, **2017**, 9, 80	2.7	19
78	Quantal Response Equilibrium-Based Strategies for Intrusion Detection in WSNs. *Mobile Information Systems*, **2015**, 2015, 1-10	1.4	19
77	Simplified Neutrosophic Exponential Similarity Measures for the Initial Evaluation/Diagnosis of Benign Prostatic Hyperplasia Symptoms. *Symmetry*, **2017**, 9, 154	2.7	18
76	New form of single valued neutrosophic uncertain linguistic variables aggregation operators for decision-making. *Cognitive Systems Research*, **2018**, 52, 1045-1055	4.8	18
75	An evaluation method of risk grades for prostate cancer using similarity measure of cubic hesitant fuzzy sets. *Journal of Biomedical Informatics*, **2018**, 87, 131-137	10.2	18
74	. *IEEE Access*, **2020**, 8, 10040-10047	3.5	17
73	Subtraction and Division Operations of Simplified Neutrosophic Sets. *Information (Switzerland)*, **2017**, 8, 51	2.6	17
72	Trust Dynamics in WSNs: An Evolutionary Game-Theoretic Approach. *Journal of Sensors*, **2016**, 2016, 1-10	2	17
71	Exponential Entropy for Simplified Neutrosophic Sets and Its Application in Decision Making. *Entropy*, **2018**, 20,	2.8	16

70	Dombi Aggregation Operators of Linguistic Cubic Variables for Multiple Attribute Decision Making. *Information (Switzerland)*, **2018**, 9, 188	2.6	16
69	Operations and aggregation method of neutrosophic cubic numbers for multiple attribute decision-making. *Soft Computing*, **2018**, 22, 7435-7444	3.5	15
68	The Cosine Measure of Single-Valued Neutrosophic Multisets for Multiple Attribute Decision-Making. *Symmetry*, **2018**, 10, 154	2.7	15
67	Multicriteria decision-making method using the Dice similarity measure between expected intervals of trapezoidal fuzzy numbers. *Journal of Decision Systems*, **2012**, 21, 307-317	1.2	15
66	The Dice similarity measure between generalized trapezoidal fuzzy numbers based on the expected interval and its multicriteria group decision-making method. *Journal of the Chinese Institute of Industrial Engineers*, **2012**, 29, 375-382		15
65	Hesitant interval neutrosophic linguistic set and its application in multiple attribute decision making. *International Journal of Machine Learning and Cybernetics*, **2019**, 10, 667-678	3.8	15
64	Multi-Criteria Decision-Making Method Using Heronian Mean Operators under a Bipolar Neutrosophic Environment. *Mathematics*, **2019**, 7, 97	2.3	14
63	Multiple attribute decision-making method based on linguistic cubic variables. *Journal of Intelligent and Fuzzy Systems*, **2018**, 34, 2351-2361	1.6	14
62	Online Visual Tracking of Weighted Multiple Instance Learning via Neutrosophic Similarity-Based Objectness Estimation. *Symmetry*, **2019**, 11, 832	2.7	14
61	Correlation Coefficient between Dynamic Single Valued Neutrosophic Multisets and Its Multiple Attribute Decision-Making Method. *Information (Switzerland)*, **2017**, 8, 41	2.6	14
60	Improved Cross Entropy Measures of Single Valued Neutrosophic Sets and Interval Neutrosophic Sets and Their Multicriteria Decision Making Methods. *Cybernetics and Information Technologies*, **2015**, 15, 13-26	1.3	14
59	Tracking control of a non-holonomic wheeled mobile robot using improved compound cosine function neural networks. *International Journal of Control*, **2015**, 88, 364-373	1.5	13
58	Generalized Dice measures for multiple attribute decision making under intuitionistic and interval-valued intuitionistic fuzzy environments. *Neural Computing and Applications*, **2018**, 30, 3623-3632	4.8	13
57	Modeling and stability analysis methods of neutrosophic transfer functions. *Soft Computing*, **2020**, 24, 9039-9048	3.5	13
56	Group Decision-Making Method Under Hesitant Interval Neutrosophic Uncertain Linguistic Environment. *International Journal of Fuzzy Systems*, **2018**, 20, 2337-2353	3.6	12
55	Improved Symmetry Measures of Simplified Neutrosophic Sets and Their Decision-Making Method Based on a Sine Entropy Weight Model. *Symmetry*, **2018**, 10, 225	2.7	12
54	Multiple attribute group decision-making method with single-valued neutrosophic interval number information. *International Journal of Systems Science*, **2019**, 50, 152-162	2.3	12
53	The cosine measure of refined-single valued neutrosophic sets and refined-interval neutrosophic sets for multiple attribute decision-making. *Journal of Intelligent and Fuzzy Systems*, **2017**, 33, 2281-2289	1.6	10

52	Neutrosophic Hough Transform-Based Track Initiation Method for Multiple Target Tracking. *IEEE Access*, **2018**, 6, 16068-16080	3.5	10
51	Cross Entropy Measures of Bipolar and Interval Bipolar Neutrosophic Sets and Their Application for Multi-Attribute Decision-Making. *Axioms*, **2018**, 7, 21	1.6	10
50	Cross-Entropy of Dual Hesitant Fuzzy Sets for Multiple Attribute Decision-Making. *International Journal of Decision Support System Technology*, **2016**, 8, 20-30	0.7	10
49	Multiple Attribute Decision-Making Method Using Similarity Measures of Neutrosophic Cubic Sets. *Symmetry*, **2018**, 10, 215	2.7	10
48	Neutrosophic Linear Equations and Application in Traffic Flow Problems. *Algorithms*, **2017**, 10, 133	1.8	9
47	Multicriteria Fuzzy Decision-Making Method Based on the Intuitionistic Fuzzy Cross-Entropy **2009**,		9
46	The Dice measure of cubic hesitant fuzzy sets and its initial evaluation method of benign prostatic hyperplasia symptoms. *Scientific Reports*, **2019**, 9, 60	4.9	9
45	Similarity measure with indeterminate parameters regarding cubic hesitant neutrosophic numbers and its risk grade assessment approach for prostate cancer patients. *Applied Intelligence*, **2020**, 50, 2120-2131	4.9	8
44	Symmetry Measures of Simplified Neutrosophic Sets for Multiple Attribute Decision-Making Problems. *Symmetry*, **2018**, 10, 144	2.7	8
43	Evolutionary Game-Based Secrecy Rate Adaptation in Wireless Sensor Networks. *International Journal of Distributed Sensor Networks*, **2015**, 11, 975454	1.7	8
42	Generalized Distance-Based Entropy and Dimension Root Entropy for Simplified Neutrosophic Sets. *Entropy*, **2018**, 20,	2.8	8
41	Simplified Neutrosophic Exponential Similarity Measures for Evaluation of Smart Port Development. *Symmetry*, **2019**, 11, 485	2.7	7
40	Weighted fuzzy track association method based on Dempster–Shafer theory in distributed sensor networks. *International Journal of Distributed Sensor Networks*, **2016**, 12, 155014771665859	1.7	7
39	Multiple attribute group decision-making method using correlation coefficients between linguistic neutrosophic numbers. *Journal of Intelligent and Fuzzy Systems*, **2018**, 35, 917-925	1.6	7
38	A Dice Similarity Measure for TBM Penetrability Classification in Hard Rock Condition with the Intuitionistic Fuzzy Information of Rock Mass Properties. *European Journal of Environmental and Civil Engineering*, **2019**, 1-16	1.5	7
37	Tracking control of a nonholonomic mobile robot using compound cosine function neural networks. *Intelligent Service Robotics*, **2013**, 6, 191-198	2.6	7
36	A netting method for clustering-simplified neutrosophic information. *Soft Computing*, **2017**, 21, 7571-7577	3.5	7
35	A Linear Programming Method Based on an Improved Score Function for Interval-Valued Intuitionistic Fuzzy Multicriteria Decision Making. *Engineering Economist*, **2013**, 58, 179-188	0.8	7

34	Creating a Computable Cognitive Model of Visual Aesthetics for Automatic Aesthetics Evaluation of Robotic Dance Poses. *Symmetry*, **2020**, 12, 23	2.7	6
33	Fusing target information from multiple views for robust visual tracking. *IET Computer Vision*, **2014**, 8, 86-97	1.4	6
32	Optimal Report Strategies for WBANs Using a Cloud-Assisted IDS. *International Journal of Distributed Sensor Networks*, **2015**, 11, 184239	1.7	6
31	Feature fusion based automatic aesthetics evaluation of robotic dance poses. *Robotics and Autonomous Systems*, **2019**, 111, 99-109	3.5	6
30	Face recognition using SIFT features under 3D meshes. *Journal of Central South University*, **2015**, 22, 1817-1825	2.1	5
29	Heronian Mean Operator of Linguistic Neutrosophic Cubic Numbers and Their Multiple Attribute Decision-Making Methods. *Mathematical Problems in Engineering*, **2018**, 2018, 1-13	1.1	5
28	Element-Weighted Neutrosophic Correlation Coefficient and Its Application in Improving CAMShift Tracker in RGBD Video. *Information (Switzerland)*, **2018**, 9, 126	2.6	5
27	Neutrosophic Similarity Score Based Weighted Histogram for Robust Mean-Shift Tracking. *Information (Switzerland)*, **2017**, 8, 122	2.6	5
26	Tracking control of two-wheel driven mobile robot using compound sine function neural networks. *Connection Science*, **2013**, 25, 139-150	2.8	5
25	Vector Similarity Measures of Q-Linguistic Neutrosophic Variable Sets and Their Multi-Attribute Decision Making Method. *Symmetry*, **2018**, 10, 531	2.7	5
24	Novel Parameterized Score Functions on Interval-Valued Intuitionistic Fuzzy Sets With Three Fuzziness Measure Indexes and Their Application. *IEEE Access*, **2019**, 7, 8172-8180	3.5	4
23	Application of a Probabilistic Method Based on Neutrosophic Number in Rock Slope Stability Assessment. *Applied Sciences (Switzerland)*, **2019**, 9, 2309	2.6	4
22	Linguistic neutrosophic uncertain numbers and their multiple attribute group decision-making method. *Journal of Intelligent and Fuzzy Systems*, **2019**, 36, 649-660	1.6	4
21	Kalman Filter for Spatial-Temporal Regularized Correlation Filters. *IEEE Transactions on Image Processing*, **2021**, 30, 3263-3278	8.7	4
20	Linguistic Neutrosophic Numbers Einstein Operator and Its Application in Decision Making. *Mathematics*, **2019**, 7, 389	2.3	3
19	Hybrid trigonometric compound function neural networks for tracking control of a nonholonomic mobile robot. *Intelligent Service Robotics*, **2014**, 7, 235-244	2.6	3
18	Similarity Measures between Intuitionistic Fuzzy Credibility Sets and Their Multicriteria Decision-Making Method for the Performance Evaluation of Industrial Robots. *Mathematical Problems in Engineering*, **2021**, 2021, 1-10	1.1	3
17	Multiple Attribute Decision-Making Method Using Linguistic Cubic Hesitant Variables. *Algorithms*, **2018**, 11, 135	1.8	3

16	Review of Neutrosophic-Set-Theory-Based Multiple- Target Tracking Methods in Uncertain Situations **2019**,		2
15	Similarity Measures of Linguistic Cubic Hesitant Variables for Multiple Attribute Group Decision-Making. *Information (Switzerland)*, **2019**, 10, 168	2.6	2
14	The Application Model of the Isolated Door in Interconnected Hazards Warehouse. *IEEE Access*, **2019**, 7, 13159-13169	3.5	2
13	Cotangent similarity measure of single-valued neutrosophic interval sets with confidence level for risk-grade evaluation of prostate cancer. *Soft Computing*, **2020**, 24, 18521-18530	3.5	2
12	Single-value neutrosophic cosine measure for evaluation of port logistics competitiveness. *Journal of Intelligent and Fuzzy Systems*, **2020**, 39, 4667-4675	1.6	2
11	Real-time scale-adaptive correlation filters tracker with depth information to handle occlusion. *Journal of Electronic Imaging*, **2016**, 25, 043022	0.7	2
10	Fuzzy probabilistic data association filter and its application to single maneuvering target. *Eurasip Journal on Advances in Signal Processing*, **2016**, 2016,	1.9	2
9	Robust Scale Adaptive and Real-Time Visual Tracking with Correlation Filters. *IEICE Transactions on Information and Systems*, **2016**, E99.D, 1895-1902	0.6	1
8	Salient Region Detection Based on Color Uniqueness and Color Spatial Distribution. *IEICE Transactions on Information and Systems*, **2014**, E97.D, 1933-1936	0.6	1
7	Robust Object Tracking with Compressive Sensing and Patches Matching. *IEICE Transactions on Information and Systems*, **2016**, E99.D, 1720-1723	0.6	1
6	Improved Joint Probabilistic Data Association (JPDA) Filter Using Motion Feature for Multiple Maneuvering Targets in Uncertain Tracking Situations. *Information (Switzerland)*, **2018**, 9, 322	2.6	1
5	Neutrosophic Number Optimization Models and Their Application in the Practical Production Process. *Journal of Mathematics*, **2021**, 2021, 1-8	1.2	0
4	Correlation Coefficients of Linguistic Neutrosophic Sets and their Multicriteria Group Decision Making Strategy for Medical Treatment Options **2021**, 1, 6-11		0
3	Automatic aesthetics assessment of robotic dance motions. *Robotics and Autonomous Systems*, **2022**, 104160	3.5	0
2	Compound control of a compound cosine function neural network and PD for manipulators. *International Journal of Control*, **2014**, 1-12	1.5	
1	Q-INDETERMINATE CORRELATION COEFFICIENT BETWEEN SIMPLIFIED NEUTROSOPHIC INDETERMINATE SETS AND ITS MULTICRITERIA DECISION-MAKING METHOD. *Journal of Civil Engineering and Management*, **2021**, 27, 404-411	3	