

Duoqian Miao

List of Publications by Year in descending order

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141
papers

4,164
citations

94269

37
h-index

133063

59
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141
all docs

141
docs citations

141
times ranked

2455
citing authors

#	ARTICLE	IF	CITATIONS
1	A rough set approach to feature selection based on ant colony optimization. <i>Pattern Recognition Letters</i> , 2010, 31, 226-233.	2.6	251
2	Best basis-based wavelet packet entropy feature extraction and hierarchical EEG classification for epileptic detection. <i>Expert Systems With Applications</i> , 2011, 38, 14314-14314.	4.4	206
3	Three-Way Group Conflict Analysis Based on Pythagorean Fuzzy Set Theory. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 447-461.	6.5	161
4	Three-way decision approaches to conflict analysis using decision-theoretic rough set theory. <i>Information Sciences</i> , 2017, 406-407, 185-207.	4.0	136
5	Three-way confusion matrix for classification: A measure driven view. <i>Information Sciences</i> , 2020, 507, 772-794.	4.0	134
6	Granular multi-label feature selection based on mutual information. <i>Pattern Recognition</i> , 2017, 67, 410-423.	5.1	122
7	Three-way enhanced convolutional neural networks for sentence-level sentiment classification. <i>Information Sciences</i> , 2019, 477, 55-64.	4.0	122
8	Constructive methods of rough approximation operators and multigranulation rough sets. <i>Knowledge-Based Systems</i> , 2016, 91, 114-125.	4.0	104
9	A graph-theoretical clustering method based on two rounds of minimum spanning trees. <i>Pattern Recognition</i> , 2010, 43, 752-766.	5.1	103
10	On multi-granulation covering rough sets. <i>International Journal of Approximate Reasoning</i> , 2014, 55, 1404-1418.	1.9	101
11	Analysis on attribute reduction strategies of rough set. <i>Journal of Computer Science and Technology</i> , 1998, 13, 189-192.	0.9	97
12	Neighborhood outlier detection. <i>Expert Systems With Applications</i> , 2010, 37, 8745-8749.	4.4	91
13	A rough set approach to feature selection based on power set tree. <i>Knowledge-Based Systems</i> , 2011, 24, 275-281.	4.0	85
14	Multi-label classification by exploiting label correlations. <i>Expert Systems With Applications</i> , 2014, 41, 2989-3004.	4.4	83
15	Shadowed sets in the characterization of rough-fuzzy clustering. <i>Pattern Recognition</i> , 2011, 44, 1738-1749.	5.1	73
16	Sequential three-way decisions via multi-granularity. <i>Information Sciences</i> , 2020, 507, 606-629.	4.0	73
17	Multigranulation rough-fuzzy clustering based on shadowed sets. <i>Information Sciences</i> , 2020, 507, 553-573.	4.0	66
18	Graded rough set model based on two universes and its properties. <i>Knowledge-Based Systems</i> , 2012, 33, 65-72.	4.0	64

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19	Neighborhood rough sets based multi-label classification for automatic image annotation. <i>International Journal of Approximate Reasoning</i> , 2013, 54, 1373-1387.	1.9	64
20	Deep Fusion Feature Representation Learning With Hard Mining Center-Triplet Loss for Person Re-Identification. <i>IEEE Transactions on Multimedia</i> , 2020, 22, 3180-3195.	5.2	64
21	Rough set based hybrid algorithm for text classification. <i>Expert Systems With Applications</i> , 2009, 36, 9168-9174.	4.4	63
22	A cost-sensitive three-way combination technique for ensemble learning in sentiment classification. <i>International Journal of Approximate Reasoning</i> , 2019, 105, 85-97.	1.9	58
23	A three-way decisions model with probabilistic rough sets for stream computing. <i>International Journal of Approximate Reasoning</i> , 2017, 88, 1-22.	1.9	52
24	Class-specific information measures and attribute reducts for hierarchy and systematicness. <i>Information Sciences</i> , 2021, 563, 196-225.	4.0	52
25	Similarity learning with joint transfer constraints for person re-identification. <i>Pattern Recognition</i> , 2020, 97, 107014.	5.1	50
26	Tri-partition neighborhood covering reduction for robust classification. <i>International Journal of Approximate Reasoning</i> , 2017, 83, 371-384.	1.9	45
27	Hierarchical decision rules mining. <i>Expert Systems With Applications</i> , 2010, 37, 2081-2091.	4.4	44
28	Quantitative information architecture, granular computing and rough set models in the double-quantitative approximation space of precision and grade. <i>Information Sciences</i> , 2014, 268, 147-168.	4.0	44
29	Three-way attribute reducts. <i>International Journal of Approximate Reasoning</i> , 2017, 88, 401-434.	1.9	44
30	Double-quantitative distance measurement and classification learning based on the tri-level granular structure of neighborhood system. <i>Knowledge-Based Systems</i> , 2021, 217, 106799.	4.0	44
31	Diverse reduct subspaces based co-training for partially labeled data. <i>International Journal of Approximate Reasoning</i> , 2011, 52, 1103-1117.	1.9	43
32	Two basic double-quantitative rough set models of precision and grade and their investigation using granular computing. <i>International Journal of Approximate Reasoning</i> , 2013, 54, 1130-1148.	1.9	43
33	A three-way selective ensemble model for multi-label classification. <i>International Journal of Approximate Reasoning</i> , 2018, 103, 394-413.	1.9	43
34	Multilevel triplet deep learning model for person re-identification. <i>Pattern Recognition Letters</i> , 2019, 117, 161-168.	2.6	42
35	Maximum decision entropy-based attribute reduction in decision-theoretic rough set model. <i>Knowledge-Based Systems</i> , 2018, 143, 179-191.	4.0	40
36	Shadowed Neighborhoods Based on Fuzzy Rough Transformation for Three-Way Classification. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 978-991.	6.5	40

#	ARTICLE	IF	CITATIONS
37	Reduction target structure-based hierarchical attribute reduction for two-category decision-theoretic rough sets. <i>Information Sciences</i> , 2014, 277, 755-776.	4.0	39
38	Hierarchical rough decision theoretic framework for text classification. , 2010, , .		36
39	Set-theoretic Approaches to Granular Computing. <i>Fundamenta Informaticae</i> , 2012, 115, 247-264.	0.3	34
40	A New Method for EEG-Based Concealed Information Test. <i>IEEE Transactions on Information Forensics and Security</i> , 2013, 8, 520-527.	4.5	34
41	Incremental approaches for updating reducts in dynamic covering information systems. <i>Knowledge-Based Systems</i> , 2017, 134, 85-104.	4.0	33
42	Interval set clustering. <i>Expert Systems With Applications</i> , 2011, 38, 2923-2932.	4.4	32
43	Coupled term-term relation analysis for document clustering. , 2013, , .		32
44	Influence of kernel clustering on an RBFN. <i>CAAI Transactions on Intelligence Technology</i> , 2019, 4, 255-260.	3.4	30
45	Two-dimensional color uncorrelated discriminant analysis for face recognition. <i>Neurocomputing</i> , 2013, 113, 251-261.	3.5	29
46	Region-based quantitative and hierarchical attribute reduction in the two-category decision theoretic rough set model. <i>Knowledge-Based Systems</i> , 2014, 71, 146-161.	4.0	28
47	Double-quantitative fusion of accuracy and importance: Systematic measure mining, benign integration construction, hierarchical attribute reduction. <i>Knowledge-Based Systems</i> , 2016, 91, 219-240.	4.0	28
48	Granular-conditional-entropy-based attribute reduction for partially labeled data with proxy labels. <i>Information Sciences</i> , 2021, 580, 111-128.	4.0	28
49	Qualitative and quantitative combinations of crisp and rough clustering schemes using dominance relations. <i>International Journal of Approximate Reasoning</i> , 2014, 55, 238-258.	1.9	28
50	N-grams based feature selection and text representation for Chinese Text Classification. <i>International Journal of Computational Intelligence Systems</i> , 2009, 2, 365-374.	1.6	27
51	Bayesian rough set model: A further investigation. <i>International Journal of Approximate Reasoning</i> , 2012, 53, 541-557.	1.9	27
52	Maximal granularity structure and generalized multi-view discriminant analysis for person re-identification. <i>Pattern Recognition</i> , 2018, 79, 79-96.	5.1	27
53	A study on information granularity in formal concept analysis based on concept-bases. <i>Knowledge-Based Systems</i> , 2016, 105, 147-159.	4.0	26
54	Three-layer granular structures and three-way informational measures of a decision table. <i>Information Sciences</i> , 2017, 412-413, 67-86.	4.0	26

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55	Lane Detection Method Based on Improved RANSAC Algorithm. , 2015, , .		25
56	Global and local multi-view multi-label learning. Neurocomputing, 2020, 371, 67-77.	3.5	25
57	Fingerprint minutiae extraction based on principal curves. Pattern Recognition Letters, 2007, 28, 2184-2189.	2.6	23
58	Quantitative/qualitative region-change uncertainty/certainty in attribute reduction: Comparative region-change analyses based on granular computing. Information Sciences, 2016, 334-335, 174-204.	4.0	23
59	Multiple metric learning based on bar-shape descriptor for person re-identification. Pattern Recognition, 2017, 71, 218-234.	5.1	23
60	Analysis of alternative objective functions for attribute reduction in complete decision tables. Soft Computing, 2011, 15, 1601-1616.	2.1	22
61	Two-level hierarchical combination method for text classification. Expert Systems With Applications, 2011, 38, 2030-2039.	4.4	22
62	Knowledge reduction of dynamic covering decision information systems when varying covering cardinalities. Information Sciences, 2016, 346-347, 236-260.	4.0	22
63	Uncertainty-optimized deep learning model for small-scale person re-identification. Science China Information Sciences, 2019, 62, 1.	2.7	22
64	Variable-precision three-way concepts in L-contexts. International Journal of Approximate Reasoning, 2021, 130, 107-125.	1.9	22
65	Rough subspace-based clustering ensemble for categorical data. Soft Computing, 2013, 17, 1643-1658.	2.1	17
66	Rough possibilistic C-means clustering based on multigranulation approximation regions and shadowed sets. Knowledge-Based Systems, 2018, 160, 144-166.	4.0	17
67	DIVFRP: An automatic divisive hierarchical clustering method based on the furthest reference points. Pattern Recognition Letters, 2008, 29, 2067-2077.	2.6	16
68	Improved adaptive image retrieval with the use of shadowed sets. Pattern Recognition, 2019, 90, 390-403.	5.1	16
69	On relationship between three-way concept lattices. Information Sciences, 2020, 538, 396-414.	4.0	16
70	Saliency-Guided Iterative Asymmetric Mutual Hashing for Fast Person Re-Identification. IEEE Transactions on Image Processing, 2021, 30, 7776-7789.	6.0	16
71	$\hat{\rho}$ -Interval attribute reduction in variable precision rough set model. Soft Computing, 2011, 15, 1643-1656.	2.1	15
72	A variable precision rough set model based on the granularity of tolerance relation. Knowledge-Based Systems, 2016, 102, 103-115.	4.0	15

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73	Granular structure-based incremental updating for multi-label classification. Knowledge-Based Systems, 2020, 189, 105066.	4.0	15
74	Rule extraction based on granulation order in interval-valued fuzzy information system. Expert Systems With Applications, 2011, 38, 12249-12261.	4.4	14
75	Constrained three-way approximations of fuzzy sets: From the perspective of minimal distance. Information Sciences, 2019, 502, 247-267.	4.0	14
76	Granular Multilabel Batch Active Learning With Pairwise Label Correlation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3079-3091.	5.9	14
77	Semi-supervised Rough Cost/Benefit Decisions. Fundamenta Informaticae, 2009, 94, 233-244.	0.3	13
78	Fusion of multiple channel features for person re-identification. Neurocomputing, 2016, 213, 125-136.	3.5	13
79	Multi-label emotion recognition of weblog sentence based on Bayesian networks. IEEJ Transactions on Electrical and Electronic Engineering, 2016, 11, 178-184.	0.8	12
80	Rough Overlapping Biclustering of Gene Expression Data. , 2007, , .		11
81	Knowledge reduction in interval-valued information systems. , 2009, , .		11
82	Kernelized random KISS metric learning for person re-identification. Neurocomputing, 2018, 275, 403-417.	3.5	11
83	Relation granulation and algebraic structure based on concept lattice in complex information systems. International Journal of Machine Learning and Cybernetics, 2018, 9, 1895-1907.	2.3	10
84	Improved Instance Discrimination and Feature Compactness for End-to-End Person Search. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2079-2090.	5.6	10
85	A global structure-based algorithm for detecting the principal graph from complex data. Pattern Recognition, 2013, 46, 1638-1647.	5.1	9
86	Causality measures and analysis: A rough set framework. Expert Systems With Applications, 2019, 136, 187-200.	4.4	8
87	QRKISS: A Two-Stage Metric Learning via QR-Decomposition and KISS for Person Re-Identification. Neural Processing Letters, 2019, 49, 899-922.	2.0	8
88	Short text classification using latent Dirichlet allocation. Journal of Computer Applications, 2013, 33, 1587-1590.	0.1	8
89	Multi granularity based label propagation with active learning for semi-supervised classification. Expert Systems With Applications, 2022, 192, 116276.	4.4	8
90	Discernibility Matrix Based Algorithm for Reduction of Attributes. , 2006, , .		7

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91	Two novel feature selection methods based on decomposition and composition. Expert Systems With Applications, 2010, 37, 7419-7426.	4.4	7
92	A knowledge acquisition method based on concept lattice and inclusion degree for ordered information systems. International Journal of Machine Learning and Cybernetics, 2019, 10, 3245-3261.	2.3	7
93	Isomorphic Relationship Between \mathbf{L} -three-way Concept Lattices. Cognitive Computation, 2022, 14, 1997-2019.	3.6	7
94	Context-Aware Feature Learning for Noise Robust Person Search. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7047-7060.	5.6	7
95	Gene Selection with Rough Sets for Cancer Classification. , 2007, , .		6
96	Graph embedding discriminant analysis for face recognition. Neural Computing and Applications, 2014, 24, 1697-1706.	3.2	5
97	Weight-and-Universum-based semi-supervised multi-view learning machine. Soft Computing, 2020, 24, 10657-10679.	2.1	5
98	N-grams based feature selection and text representation for Chinese Text Classification. International Journal of Computational Intelligence Systems, 2009, 2, 365.	1.6	5
99	An Improved Method for Vietnam License Plate Location, Segmentation and Recognition. , 2011, , .		4
100	A self-adaptive cascade ConvNets model based on label relation mining. Neurocomputing, 2019, 328, 29-38.	3.5	4
101	A Graph-Based Keyphrase Extraction Model with Three-Way Decision. Lecture Notes in Computer Science, 2020, , 111-121.	1.0	4
102	Fuzzy rough set and its improvement. , 2005, , .		3
103	An Approach for Fuzzy-Rough Sets Attributes Reduction via Mutual Information. , 2007, , .		3
104	A link-based approach to semantic relation analysis. Neurocomputing, 2015, 154, 127-138.	3.5	3
105	Semi-supervised One-Pass Multi-view Learning with Variable Features and Views. Neural Processing Letters, 2019, 50, 189-226.	2.0	3
106	S&I Reader: Multi-Granularity Gated Multi-Hop Skimming and Intensive Reading Model for Machine Reading Comprehension. IEEE Access, 2021, 9, 75778-75788.	2.6	3
107	3W-AlignNet: a Feature Alignment Framework for Person Search with Three-Way Decision Theory. Cognitive Computation, 2022, 14, 1913-1923.	3.6	3
108	Conflict Analysis for Pythagorean Fuzzy Information Systems. Lecture Notes in Computer Science, 2017, , 359-367.	1.0	3

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109	A Novel Approach to Generating fuzzy Rules Based on Dynamic Fuzzy Rough Sets. , 2007, , .		2
110	An approach to knowledge reduction based on relative partition granularity. , 2008, , .		2
111	A comment on "Using locally estimated geodesic distance to optimize neighborhood graph for isometric data embedding" Pattern Recognition, 2009, 42, 1012-1013.	5.1	2
112	Analyzing skill sets with or-relation tables in knowledge spaces. , 2009, , .		2
113	A novel method for recognizing emotions of weblog sentences. , 2013, , .		2
114	Consistent Iterative Multi-view Transfer Learning for Person Re-identification. , 2017, , .		2
115	Entropy-based multi-view matrix completion for clustering with side information. Pattern Analysis and Applications, 2020, 23, 359-370.	3.1	2
116	Non-numerical nearest neighbor classifiers with value-object hierarchical embedding. Expert Systems With Applications, 2020, 150, 113206.	4.4	2
117	Guest Editorial: Rough Sets and Data Mining. CAAI Transactions on Intelligence Technology, 2019, 4, 201-202.	3.4	2
118	A Test Cost Sensitive Heuristic Attribute Reduction Algorithm for Partially Labeled Data. Lecture Notes in Computer Science, 2018, , 257-269.	1.0	2
119	Candidate region acquisition optimization algorithm based on multi-granularity data enhancement. International Journal of Machine Learning and Cybernetics, 2022, 13, 1847-1860.	2.3	2
120	A Modified Chi2 Algorithm Based on the Significance of Attribute. , 2006, , .		1
121	A Rough Set Approach to Grouping Goods in Electronic Commerce. International Conference on Advanced Communication Technology, 2007, , .	0.0	1
122	A Novel Attribute Reduction Algorithm of Decomposition Based on Rough Sets. , 2009, , .		1
123	Maximum condition entropy based attribute reduction in variable precision rough set model. , 2009, , .		1
124	Generalized Relation Based Knowledge Discovery in Interval-valued Information Systems. , 2010, , .		1
125	A smoothed Latent Dirichlet Allocation model with application to Business Intelligence. , 2011, , .		1
126	An improved method for Vietnam License Plate location. , 2011, , .		1

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127	Neighborhood Rough Sets based Multi-Label classification. , 2013, , .		1
128	Fuzzy granular principal curves algorithm for large data sets. , 2013, , .		1
129	Bayes Network Based Collaborating Control Algorithm in Active Multicamera Network with Applications to Object Tracking. Mathematical Problems in Engineering, 2014, 2014, 1-8.	0.6	1
130	Sentiment analysis method based on an improved modifying matrix language model. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 1446-1453.	0.8	1
131	Identification of structures and causation in flow graphs. Information Sciences, 2019, 486, 287-309.	4.0	1
132	Constrained tolerance rough set in incomplete information systems. CAAI Transactions on Intelligence Technology, 2021, 6, 440-449.	3.4	1
133	Weak-label-based global and local multi-view multi-label learning with three-way clustering. International Journal of Machine Learning and Cybernetics, 0, , 1.	2.3	1
134	Multi-view multi-label-based online method with threefold correlations and dynamic updating multi-region. Neural Computing and Applications, 0, , 1.	3.2	1
135	Intuitionistic Fuzzy-Based Three-Way Label Enhancement for Multi-Label Classification. Mathematics, 2022, 10, 1847.	1.1	1
136	Fingerprint Skeleton Extraction Based on Improved Principal Curve. , 2009, , .		0
137	Visualizing search results based on multi-label classification. , 2010, , .		0
138	Knowledge Granulation in Interval-Valued Information Systems. , 2011, , .		0
139	Mutli-channel micro-structure difference descriptor for image retrieval. , 2016, , .		0
140	Rough Approximations and the Minimal Set in Knowledge Spaces. Journal of Advanced Mathematics and Applications, 2013, 2, 162-171.	0.5	0
141	A Novel Approach to Generating fuzzy Rules Based on Dynamic Fuzzy Rough Sets. , 2007, , .		0