Duoqian Miao

List of Publications by Year
in descending order

141 papers	4,164 citations	94269 37 h-index	133063 59 g-index
141 all docs	141 docs citations	141 times ranked	2455 citing authors

#	Article	IF	Citations
1	Granular Multilabel Batch Active Learning With Pairwise Label Correlation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3079-3091.	5.9	14
2	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
3	3W-AlignNet: a Feature Alignment Framework for Person Search with Three-Way Decision Theory. Cognitive Computation, 2022, 14, 1913-1923.	3.6	3
4	Multi granularity based label propagation with active learning for semi-supervised classification. Expert Systems With Applications, 2022, 192, 116276.	4.4	8
5	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
6	Isomorphic Relationship Between $$\mathbf{L}$$-three-way Concept Lattices. Cognitive Computation, 2022, 14, 1997-2019.	3.6	7
7	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
8	Intuitionistic Fuzzy-Based Three-Way Label Enhancement for Multi-Label Classification. Mathematics, 2022, 10, 1847.	1.1	1
9	Variable-precision three-way concepts in L-contexts. International Journal of Approximate Reasoning, 2021, 130, 107-125.	1.9	22
10	Salience-Guided Iterative Asymmetric Mutual Hashing for Fast Person Re-Identification. IEEE Transactions on Image Processing, 2021, 30, 7776-7789.	6.0	16
11	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
12	Constrained tolerance rough set in incomplete information systems. CAAI Transactions on Intelligence Technology, 2021, 6, 440-449.	3.4	1
13	Double-quantitative distance measurement and classification learning based on the tri-level granular structure of neighborhood system. Knowledge-Based Systems, 2021, 217, 106799.	4.0	44
14	Class-specific information measures and attribute reducts for hierarchy and systematicness. Information Sciences, 2021, 563, 196-225.	4.0	52
15	Granular-conditional-entropy-based attribute reduction for partially labeled data with proxy labels. Information Sciences, 2021, 580, 111-128.	4.0	28
16	Entropy-based multi-view matrix completion for clustering with side information. Pattern Analysis and Applications, 2020, 23, 359-370.	3.1	2
17	Sequential three-way decisions via multi-granularity. Information Sciences, 2020, 507, 606-629.	4.0	73
18	Three-Way Group Conflict Analysis Based on Pythagorean Fuzzy Set Theory. IEEE Transactions on Fuzzy Systems, 2020, 28, 447-461.	6.5	161

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19	Multigranulation rough-fuzzy clustering based on shadowed sets. Information Sciences, 2020, 507, 553-573.	4.0	66
20	Similarity learning with joint transfer constraints for person re-identification. Pattern Recognition, 2020, 97, 107014.	5.1	50
21	Global and local multi-view multi-label learning. Neurocomputing, 2020, 371, 67-77.	3.5	25
22	Granular structure-based incremental updating for multi-label classification. Knowledge-Based Systems, 2020, 189, 105066.	4.0	15
23	Three-way confusion matrix for classification: A measure driven view. Information Sciences, 2020, 507, 772-794.	4.0	134
24	Weight-and-Universum-based semi-supervised multi-view learning machine. Soft Computing, 2020, 24, 10657-10679.	2.1	5
25	On relationship between three-way concept lattices. Information Sciences, 2020, 538, 396-414.	4.0	16
26	Shadowed Neighborhoods Based on Fuzzy Rough Transformation for Three-Way Classification. IEEE Transactions on Fuzzy Systems, 2020, 28, 978-991.	6.5	40
27	Deep Fusion Feature Representation Learning With Hard Mining Center-Triplet Loss for Person Re-Identification. IEEE Transactions on Multimedia, 2020, 22, 3180-3195.	5.2	64
28	Non-numerical nearest neighbor classifiers with value-object hierarchical embedding. Expert Systems With Applications, 2020, 150, 113206.	4.4	2
29	A Graph-Based Keyphrase Extraction Model with Three-Way Decision. Lecture Notes in Computer Science, 2020, , 111-121.	1.0	4
30	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
31	Improved adaptive image retrieval with the use of shadowed sets. Pattern Recognition, 2019, 90, 390-403.	5.1	16
32	Constrained three-way approximations of fuzzy sets: From the perspective of minimal distance. Information Sciences, 2019, 502, 247-267.	4.0	14
33	Causality measures and analysis: A rough set framework. Expert Systems With Applications, 2019, 136, 187-200.	4.4	8
34	Semi-supervised One-Pass Multi-view Learning with Variable Features and Views. Neural Processing Letters, 2019, 50, 189-226.	2.0	3
35	Identification of structures and causation in flow graphs. Information Sciences, 2019, 486, 287-309.	4.0	1
36	Uncertainty-optimized deep learning model for small-scale person re-identification. Science China Information Sciences, 2019, 62, 1.	2.7	22

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37	A self-adaptive cascade ConvNets model based on label relation mining. Neurocomputing, 2019, 328, 29-38.	3.5	4
38	Three-way enhanced convolutional neural networks for sentence-level sentiment classification. Information Sciences, 2019, 477, 55-64.	4.0	122
39	A cost-sensitive three-way combination technique for ensemble learning in sentiment classification. International Journal of Approximate Reasoning, 2019, 105, 85-97.	1.9	58
40	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
41	Multilevel triplet deep learning model for person re-identification. Pattern Recognition Letters, 2019, 117, 161-168.	2.6	42
42	Influence of kernel clustering on an RBFN. CAAI Transactions on Intelligence Technology, 2019, 4, 255-260.	3.4	30
43	Guest Editorial: Rough Sets and Data Mining. CAAI Transactions on Intelligence Technology, 2019, 4, 201-202.	3.4	2
44	Maximal granularity structure and generalized multi-view discriminant analysis for person re-identification. Pattern Recognition, 2018, 79, 79-96.	5.1	27
45	Kernelized random KISS metric learning for person re-identification. Neurocomputing, 2018, 275, 403-417.	3.5	11
46	Maximum decision entropy-based attribute reduction in decision-theoretic rough set model. Knowledge-Based Systems, 2018, 143, 179-191.	4.0	40
47	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
48	A three-way selective ensemble model for multi-label classification. International Journal of Approximate Reasoning, 2018, 103, 394-413.	1.9	43
49	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
50	Rough possibilistic C-means clustering based on multigranulation approximation regions and shadowed sets. Knowledge-Based Systems, 2018, 160, 144-166.	4.0	17
51	A Test Cost Sensitive Heuristic Attribute Reduction Algorithm for Partially Labeled Data. Lecture Notes in Computer Science, 2018, , 257-269.	1.0	2
52	Tri-partition neighborhood covering reduction for robust classification. International Journal of Approximate Reasoning, 2017, 83, 371-384.	1.9	45
53	Granular multi-label feature selection based on mutual information. Pattern Recognition, 2017, 67, 410-423.	5.1	122
54	Three-way decision approaches to conflict analysis using decision-theoretic rough set theory. Information Sciences, 2017, 406-407, 185-207.	4.0	136

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55	A three-way decisions model with probabilistic rough sets for stream computing. International Journal of Approximate Reasoning, 2017, 88, 1-22.	1.9	52
56	Multiple metric learning based on bar-shape descriptor for person re-identification. Pattern Recognition, 2017, 71, 218-234.	5.1	23
57	Incremental approaches for updating reducts in dynamic covering information systems. Knowledge-Based Systems, 2017, 134, 85-104.	4.0	33
58	Three-layer granular structures and three-way informational measures of a decision table. Information Sciences, 2017, 412-413, 67-86.	4.0	26
59	Three-way attribute reducts. International Journal of Approximate Reasoning, 2017, 88, 401-434.	1.9	44
60	Consistent Iterative Multi-view Transfer Learning for Person Re-identification. , 2017, , .		2
61	Conflict Analysis for Pythagorean Fuzzy Information Systems. Lecture Notes in Computer Science, 2017, , 359-367.	1.0	3
62	Mutli-channel micro-structure difference descriptor for image retrieval. , 2016, , .		0
63	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
64	A variable precision rough set model based on the granularity of tolerance relation. Knowledge-Based Systems, 2016, 102, 103-115.	4.0	15
65	A study on information granularity in formal concept analysis based on concept-bases. Knowledge-Based Systems, 2016, 105, 147-159.	4.0	26
66	Fusion of multiple channel features for person re-identification. Neurocomputing, 2016, 213, 125-136.	3.5	13
67	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
68	Knowledge reduction of dynamic covering decision information systems when varying covering cardinalities. Information Sciences, 2016, 346-347, 236-260.	4.0	22
69	Constructive methods of rough approximation operators and multigranulation rough sets. Knowledge-Based Systems, 2016, 91, 114-125.	4.0	104
70	Double-quantitative fusion of accuracy and importance: Systematic measure mining, benign integration construction, hierarchical attribute reduction. Knowledge-Based Systems, 2016, 91, 219-240.	4.0	28
71	A link-based approach to semantic relation analysis. Neurocomputing, 2015, 154, 127-138.	3.5	3
72	Lane Detection Method Based on Improved RANSAC Algorithm. , 2015, , .		25

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73	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
74	Multi-label classification by exploiting label correlations. Expert Systems With Applications, 2014, 41, 2989-3004.	4.4	83
75	Graph embedding discriminant analysis for face recognition. Neural Computing and Applications, 2014, 24, 1697-1706.	3.2	5
76	On multi-granulation covering rough sets. International Journal of Approximate Reasoning, 2014, 55, 1404-1418.	1.9	101
77	Quantitative information architecture, granular computing and rough set models in the double-quantitative approximation space of precision and grade. Information Sciences, 2014, 268, 147-168.	4.0	44
78	Region-based quantitative and hierarchical attribute reduction in the two-category decision theoretic rough set model. Knowledge-Based Systems, 2014, 71, 146-161.	4.0	28
79	Reduction target structure-based hierarchical attribute reduction for two-category decision-theoretic rough sets. Information Sciences, 2014, 277, 755-776.	4.0	39
80	Qualitative and quantitative combinations of crisp and rough clustering schemes using dominance relations. International Journal of Approximate Reasoning, 2014, 55, 238-258.	1.9	28
81	Neighborhood rough sets based multi-label classification for automatic image annotation. International Journal of Approximate Reasoning, 2013, 54, 1373-1387.	1.9	64
82	Rough subspace-based clustering ensemble for categorical data. Soft Computing, 2013, 17, 1643-1658.	2.1	17
83	A New Method for EEG-Based Concealed Information Test. IEEE Transactions on Information Forensics and Security, 2013, 8, 520-527.	4.5	34
84	Neighborhood Rough Sets based Multi-Label classification. , 2013, , .		1
85	Fuzzy granular principal curves algorithm for large data sets. , 2013, , .		1
86	A novel method for recognizing emotions of weblog sentences. , 2013, , .		2
87	Two basic double-quantitative rough set models of precision and grade and their investigation using granular computing. International Journal of Approximate Reasoning, 2013, 54, 1130-1148.	1.9	43
88	A global structure-based algorithm for detecting the principal graph from complex data. Pattern Recognition, 2013, 46, 1638-1647.	5.1	9
89	Two-dimensional color uncorrelated discriminant analysis for face recognition. Neurocomputing, 2013, 113, 251-261.	3.5	29
90	Coupled term-term relation analysis for document clustering. , 2013, , .		32

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91	Short text classification using latent Dirichlet allocation. Journal of Computer Applications, 2013, 33, 1587-1590.	0.1	8
92	Rough Approximations and the Minimal Set in Knowledge Spaces. Journal of Advanced Mathematics and Applications, 2013, 2, 162-171.	0.5	0
93	Graded rough set model based on two universes and its properties. Knowledge-Based Systems, 2012, 33, 65-72.	4.0	64
94	Set-theoretic Approaches to Granular Computing. Fundamenta Informaticae, 2012, 115, 247-264.	0.3	34
95	Bayesian rough set model: A further investigation. International Journal of Approximate Reasoning, 2012, 53, 541-557.	1.9	27
96	Knowledge Granulation in Interval-Valued Information Systems. , 2011, , .		0
97	Diverse reduct subspaces based co-training for partially labeled data. International Journal of Approximate Reasoning, 2011, 52, 1103-1117.	1.9	43
98	A smoothed Latent Dirichlet Allocation model with application to Business Intelligence. , 2011, , .		1
99	An improved method for Vietnam License Plate location. , 2011, , .		1
100	Analysis of alternative objective functions for attribute reduction in complete decision tables. Soft Computing, 2011, 15, 1601-1616.	2.1	22
101	Î²-Interval attribute reduction in variable precision rough set model. Soft Computing, 2011, 15, 1643-1656.	2.1	15
102	A rough set approach to feature selection based on power set tree. Knowledge-Based Systems, 2011, 24, 275-281.	4.0	85
103	Interval set clustering. Expert Systems With Applications, 2011, 38, 2923-2932.	4.4	32
104	Two-level hierarchical combination method for text classification. Expert Systems With Applications, 2011, 38, 2030-2039.	4.4	22
105	Best basis-based wavelet packet entropy feature extraction and hierarchical EEG classification for epileptic detection. Expert Systems With Applications, 2011, 38, 14314-14314.	4.4	206
106	Rule extraction based on granulation order in interval-valued fuzzy information system. Expert Systems With Applications, 2011, 38, 12249-12261.	4.4	14
107	Shadowed sets in the characterization of rough-fuzzy clustering. Pattern Recognition, 2011, 44, 1738-1749.	5.1	73
108	An Improved Method for Vietnam License Plate Location, Segmentation and Recognition. , 2011, , .		4

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109	Hierarchical decision rules mining. Expert Systems With Applications, 2010, 37, 2081-2091.	4.4	44
110	Neighborhood outlier detection. Expert Systems With Applications, 2010, 37, 8745-8749.	4.4	91
111	A rough set approach to feature selection based on ant colony optimization. Pattern Recognition Letters, 2010, 31, 226-233.	2.6	251
112	A graph-theoretical clustering method based on two rounds of minimum spanning trees. Pattern Recognition, 2010, 43, 752-766.	5.1	103
113	Two novel feature selection methods based on decomposition and composition. Expert Systems With Applications, 2010, 37, 7419-7426.	4.4	7
114	Generalized Relation Based Knowledge Discovery in Interval-valued Information Systems. , 2010, , .		1
115	Visualizing search results based on multi-label classification. , 2010, , .		0
116	Hierarchical rough decision theoretic framework for text classification. , 2010, , .		36
117	N-grams based feature selection and text representation for Chinese Text Classification. International Journal of Computational Intelligence Systems, 2009, 2, 365-374.	1.6	27
118	A Novel Attribute Reduction Algorithm of Decomposition Based on Rough Sets. , 2009, , .		1
119	A comment on â€œUsing locally estimated geodesic distance to optimize neighborhood graph for isometric data embeddingâ€. Pattern Recognition, 2009, 42, 1012-1013.	5.1	2
120	Rough set based hybrid algorithm for text classification. Expert Systems With Applications, 2009, 36, 9168-9174.	4.4	63
121	Fingerprint Skeleton Extraction Based on Improved Principal Curve. , 2009, , .		0
122	Analyzing skill sets with or-relation tables in knowledge spaces. , 2009, , .		2
123	Knowledge reduction in interval-valued information systems. , 2009, , .		11
124	Maximum condition entropy based attribute reduction in variable precision rough set model. , 2009, , .		1
125	Semi-supervised Rough Cost/Benefit Decisions. Fundamenta Informaticae, 2009, 94, 233-244.	0.3	13
126	N-grams based feature selection and text representation for Chinese Text Classification. International Journal of Computational Intelligence Systems, 2009, 2, 365.	1.6	5

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127	DIVFRP: An automatic divisive hierarchical clustering method based on the furthest reference points. Pattern Recognition Letters, 2008, 29, 2067-2077.	2.6	16
128	An approach to knowledge reduction based on relative partition granularity. , 2008, , .		2
129	An Approach for Fuzzy-Rough Sets Attributes Reduction via Mutual Information. , 2007, , .		3
130	Gene Selection with Rough Sets for Cancer Classification. , 2007, , .		6
131	A Novel Approach to Generating fuzzy Rules Based on Dynamic Fuzzy Rough Sets. , 2007, , .		2
132	A Rough Set Approach to Grouping Goods in Electronic Commerce. International Conference on Advanced Communication Technology, 2007, , .	0.0	1
133	Rough Overlapping Biclustering of Gene Expression Data. , 2007, , .		11
134	Fingerprint minutiae extraction based on principal curves. Pattern Recognition Letters, 2007, 28, 2184-2189.	2.6	23
135	A Novel Approach to Generating fuzzy Rules Based on Dynamic Fuzzy Rough Sets. , 2007, , .		0
136	A Modified Chi2 Algorithm Based on the Significance of Attribute. , 2006, , .		1
137	Discernibility Matrix Based Algorithm for Reduction of Attributes. , 2006, , .		7
138	Fuzzy rough set and its improvement. , 2005, , .		3
139	Analysis on attribute reduction strategies of rough set. Journal of Computer Science and Technology, 1998, 13, 189-192.	0.9	97
140	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
141	Multi-view multi-label-based online method with threefold correlations and dynamic updating multi-region. Neural Computing and Applications, 0, , 1.	3.2	1