

# Guoyin Wang

## List of Publications by Year in descending order

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289  
papers

6,253  
citations

71004

43  
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g-index

298  
all docs

298  
docs citations

298  
times ranked

3814  
citing authors

#	ARTICLE	IF	CITATIONS
1	Granular Ball Sampling for Noisy Label Classification or Imbalanced Classification. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2144-2155.	7.2	32
2	Dynamic Computation Offloading and Server Deployment for UAV-Enabled Multi-Access Edge Computing. IEEE Transactions on Mobile Computing, 2023, 22, 2628-2644.	3.9	59
3	Towards Improving Embedding Based Models of Social Network Alignment via Pseudo Anchors. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 4307-4320.	4.0	3
4	Superiority of three-way decisions from the perspective of probability. Artificial Intelligence Review, 2023, 56, 1263-1295.	9.7	8
5	Mean-Field Learning for Edge Computing in Mobile Blockchain Networks. IEEE Transactions on Mobile Computing, 2023, 22, 5978-5994.	3.9	18
6	Bi-LSTM Sequence Modeling for On-The-Fly Fine-Grained Sketch-Based Image Retrieval. IEEE Transactions on Artificial Intelligence, 2023, 4, 1178-1185.	3.4	0
7	A Posterior-Neighborhood-Regularized Latent Factor Model for Highly Accurate Web Service QoS Prediction. IEEE Transactions on Services Computing, 2022, 15, 793-805.	3.2	70
8	GBNRS: A Novel Rough Set Algorithm for Fast Adaptive Attribute Reduction in Classification. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 1231-1242.	4.0	84
9	Random Space Division Sampling for Label-Noisy Classification or Imbalanced Classification. IEEE Transactions on Cybernetics, 2022, 52, 10444-10457.	6.2	17
10	Optimal Scale Combination Selection Integrating Three-Way Decision With Hasse Diagram. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3675-3689.	7.2	32
11	Intrusion Detection for Secure Social Internet of Things Based on Collaborative Edge Computing: A Generative Adversarial Network-Based Approach. IEEE Transactions on Computational Social Systems, 2022, 9, 134-145.	3.2	56
12	Improving Incremental Nonnegative Matrix Factorization Method for Recommendations Based on Three-Way Decision Making. Cognitive Computation, 2022, 14, 1978-1996.	3.6	4
13	Democratic three-way decisions based on voting mechanism. International Journal of Machine Learning and Cybernetics, 2022, 13, 99-114.	2.3	3
14	A Multi-objective optimization algorithm based on dynamic user-preference information. Computing (Vienna/New York), 2022, 104, 627-656.	3.2	2
15	lbLT: An effective granular computing framework for hierarchical community detection. Journal of Intelligent Information Systems, 2022, 58, 175-196.	2.8	5
16	mCRF and mRD: Two Classification Methods Based on a Novel Multiclass Label Noise Filtering Learning Framework. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2916-2930.	7.2	25
17	PAM-DenseNet: A Deep Convolutional Neural Network for Computer-Aided COVID-19 Diagnosis. IEEE Transactions on Cybernetics, 2022, 52, 12163-12174.	6.2	32
18	Fuzzy-Entropy-Based Game Theoretic Shadowed Sets: A Novel Game Perspective From Uncertainty. IEEE Transactions on Fuzzy Systems, 2022, 30, 597-609.	6.5	15

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19	Optimized Content Caching and User Association for Edge Computing in Densely Deployed Heterogeneous Networks. IEEE Transactions on Mobile Computing, 2022, 21, 2130-2142.	3.9	135
20	A Novel Discriminative Dictionary Pair Learning Constrained by Ordinal Locality for Mixed Frequency Data Classification. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 4572-4585.	4.0	7
21	Online Learning for Distributed Computation Offloading in Wireless Powered Mobile Edge Computing Networks. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1841-1855.	4.0	32
22	A Trustable Data-Driven Framework for Composite System Reliability Evaluation. IEEE Systems Journal, 2022, 16, 6697-6707.	2.9	1
23	An adaptive and general model for label noise detection using relative probabilistic density. Knowledge-Based Systems, 2022, 239, 107907.	4.0	2
24	Adaptive Three-Way C-Means Clustering Based on the Cognition of Distance Stability. Cognitive Computation, 2022, 14, 563-580.	3.6	8
25	EGNN: Constructing explainable graph neural networks via knowledge distillation. Knowledge-Based Systems, 2022, 241, 108345.	4.0	13
26	Hierarchical quotient space-based concept cognition for knowledge graphs. Information Sciences, 2022, 597, 300-317.	4.0	5
27	Local knowledge distance for rough approximation measure in multi-granularity spaces. Information Sciences, 2022, 605, 413-432.	4.0	4
28	Rethinking the image feature biases exhibited by deep convolutional neural network models in image recognition. CAAI Transactions on Intelligence Technology, 2022, 7, 721-731.	3.4	14
29	Fuzzy hierarchical network embedding fusing structural and neighbor information. Information Sciences, 2022, 603, 130-148.	4.0	5
30	A fast neighborhood classifier based on hash bucket with application to medical diagnosis. International Journal of Approximate Reasoning, 2022, 148, 117-132.	1.9	2
31	SW: A weighted space division framework for imbalanced problems with label noise. Knowledge-Based Systems, 2022, 251, 109233.	4.0	4
32	Text tendency analysis based on multi-granularity emotional chunks and integrated learning. Neural Computing and Applications, 2021, 33, 8119-8129.	3.2	5
33	A Sequential Three-Way Decision Model With Intuitionistic Fuzzy Numbers. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2640-2652.	5.9	55
34	A novel sequential three-way decision model with autonomous error correction. Knowledge-Based Systems, 2021, 212, 106526.	4.0	20
35	Mining Maximal Dynamic Spatial Colocation Patterns. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1026-1036.	7.2	9
36	Lifetime-Priority-Driven Resource Allocation for WNV-Based Internet of Things. IEEE Internet of Things Journal, 2021, 8, 4514-4525.	5.5	10

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37	Optimal scale combination selection for multi-scale decision tables based on three-way decision. International Journal of Machine Learning and Cybernetics, 2021, 12, 281-301.	2.3	17
38	A Deep Latent Factor Model for High-Dimensional and Sparse Matrices in Recommender Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4285-4296.	5.9	127
39	A survey on granular computing and its uncertainty measure from the perspective of rough set theory. Granular Computing, 2021, 6, 3-17.	4.4	15
40	EEG extended source imaging with structured sparsity and $L_1$ -norm residual. Neural Computing and Applications, 2021, 33, 8513-8524.	3.2	2
41	D $\epsilon$ BERT: Incorporating dependency-based attention into BERT for relation extraction. CAAI Transactions on Intelligence Technology, 2021, 6, 417-425.	3.4	8
42	Self-Relative Evaluation Framework for EEG-Based Biometric Systems. Sensors, 2021, 21, 2097.	2.1	3
43	hier2vec: interpretable multi-granular representation learning for hierarchy in social networks. International Journal of Machine Learning and Cybernetics, 2021, 12, 2543-2557.	2.3	6
44	Designing a Partially Understandable Neural Network through Semantic Embedding. , 2021, , .		2
45	A novel fast constructing neighborhood covering algorithm for efficient classification. Knowledge-Based Systems, 2021, 225, 107104.	4.0	5
46	Three-way recommendation model based on shadowed set with uncertainty invariance. International Journal of Approximate Reasoning, 2021, 135, 53-70.	1.9	16
47	Multi-granularity distance measure for interval-valued intuitionistic fuzzy concepts. Information Sciences, 2021, 570, 599-622.	4.0	12
48	Weighted oversampling algorithms for imbalanced problems and application in prediction of streamflow. Knowledge-Based Systems, 2021, 229, 107306.	4.0	15
49	LaPOLeaF: Label propagation in an optimal leading forest. Information Sciences, 2021, 575, 133-154.	4.0	2
50	Novel three-way generative classifier with weighted scoring distribution. Information Sciences, 2021, 579, 732-750.	4.0	10
51	Learning Multi-Granularity Neural Network Encoding Image Classification Using DCNNs for Easter Africa Community Countries. IEEE Access, 2021, 9, 146703-146718.	2.6	3
52	Equidistant k-layer multi-granularity knowledge space. Knowledge-Based Systems, 2021, 234, 107596.	4.0	2
53	Prediction of Potentially Suitable Distributions of <i>Codonopsis pilosula</i> in China Based on an Optimized MaxEnt Model. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	17
54	HNECV: Heterogeneous Network Embedding via Cloud Model and Variational Inference. Lecture Notes in Computer Science, 2021, , 747-758.	1.0	2

#	ARTICLE	IF	CITATIONS
55	Multilevel and Multi-granularity of Remote Sensing Imagery Application based on Deep Learning and Machine Learning Algorithm. , 2021, , .		0
56	The Dual Model of Support Vector Machine Based on Granular Ball Computing. , 2021, , .		1
57	Development of High-Speed Image Acquisition and Processing System for Real-Time Plasma Control on EAST. IEEE Transactions on Plasma Science, 2021, 49, 3832-3840.	0.6	2
58	An active three-way clustering method via low-rank matrices for multi-view data. Information Sciences, 2020, 507, 823-839.	4.0	126
59	A general model of decision-theoretic three-way approximations of fuzzy sets based on a heuristic algorithm. Information Sciences, 2020, 507, 522-539.	4.0	52
60	Computer aided Alzheimer's disease diagnosis by an unsupervised deep learning technology. Neurocomputing, 2020, 392, 296-304.	3.5	71
61	An efficient three-way clustering algorithm based on gravitational search. International Journal of Machine Learning and Cybernetics, 2020, 11, 1003-1016.	2.3	32
62	Knowledge Distance Measure for the Multigranularity Rough Approximations of a Fuzzy Concept. IEEE Transactions on Fuzzy Systems, 2020, 28, 706-717.	6.5	27
63	Fuzzy Entropy: A More Comprehensible Perspective for Interval Shadowed Sets of Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2020, 28, 3008-3022.	6.5	27
64	Finding strongly connected components of simple digraphs based on granulation strategy. International Journal of Approximate Reasoning, 2020, 118, 64-78.	1.9	11
65	A novel sequential three-way decisions model based on penalty function. Knowledge-Based Systems, 2020, 192, 105350.	4.0	40
66	Deep multi-granularity graph embedding for user identity linkage across social networks. Knowledge-Based Systems, 2020, 193, 105301.	4.0	25
67	A Fast Adaptive k-means with No Bounds. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 44, 1-1.	9.7	70
68	A Data-Characteristic-Aware Latent Factor Model for Web Services QoS Prediction. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	4.0	108
69	Cross-Domain Recommendation Based on Sentiment Analysis and Latent Feature Mapping. Entropy, 2020, 22, 473.	1.1	6
70	Three-way decisions of rough vague sets from the perspective of fuzziness. Information Sciences, 2020, 523, 111-132.	4.0	28
71	Optimal scale selection and attribute reduction in multi-scale decision tables based on three-way decision. Information Sciences, 2020, 541, 36-59.	4.0	42
72	Optimal scale selection by integrating uncertainty and cost-sensitive learning in multi-scale decision tables. International Journal of Machine Learning and Cybernetics, 2020, 11, 1095-1114.	2.3	31

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73	Mean-entropy-based shadowed sets: A novel three-way approximation of fuzzy sets. <i>International Journal of Approximate Reasoning</i> , 2020, 120, 102-124.	1.9	27
74	Multi-granularity Complex Network Representation Learning. <i>Lecture Notes in Computer Science</i> , 2020, , 236-250.	1.0	1
75	Optimal granularity selection based on cost-sensitive sequential three-way decisions with rough fuzzy sets. <i>Knowledge-Based Systems</i> , 2019, 163, 131-144.	4.0	36
76	Bidirectional Cognitive Computing Model for Uncertain Concepts. <i>Cognitive Computation</i> , 2019, 11, 613-629.	3.6	8
77	A three-way cluster ensemble approach for large-scale data. <i>International Journal of Approximate Reasoning</i> , 2019, 115, 32-49.	1.9	55
78	A Multi-Granularity Representation Learning Framework for User Identification Across Social Networks. <i>Lecture Notes in Computer Science</i> , 2019, , 507-521.	1.0	0
79	A Data-Aware Latent Factor Model for Web Service QoS Prediction. <i>Lecture Notes in Computer Science</i> , 2019, , 384-399.	1.0	11
80	Granular ball computing classifiers for efficient, scalable and robust learning. <i>Information Sciences</i> , 2019, 483, 136-152.	4.0	77
81	Survey on cloud model based similarity measure of uncertain concepts. <i>CAAI Transactions on Intelligence Technology</i> , 2019, 4, 223-230.	3.4	33
82	Complete Random Forest Based Class Noise Filtering Learning for Improving the Generalizability of Classifiers. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019, 31, 2063-2078.	4.0	49
83	Imaging EEG Extended Sources Based on Variation Sparsity with $L_1$ -norm Residual. <i>Lecture Notes in Computer Science</i> , 2019, , 95-104.	1.0	1
84	Guest Editorial: Rough Sets and Data Mining. <i>CAAI Transactions on Intelligence Technology</i> , 2019, 4, 201-202.	3.4	2
85	Evaluation of Identity Information Loss in EEG-Based Biometric Systems. <i>Lecture Notes in Computer Science</i> , 2019, , 201-211.	1.0	0
86	Learning Multi-granular Features for Harvesting Knowledge from Free Text. <i>Lecture Notes in Computer Science</i> , 2019, , 210-224.	1.0	0
87	Distinguishing two phenotypes of blooms using the normalised difference peak-valley index (NDPI) and Cyano-Chlorophyta index (CCI). <i>Science of the Total Environment</i> , 2018, 628-629, 848-857.	3.9	22
88	A multi-granularity collective behavior analysis approach for online social networks. <i>Granular Computing</i> , 2018, 3, 333-343.	4.4	9
89	Pixel convolutional neural network for multi-focus image fusion. <i>Information Sciences</i> , 2018, 433-434, 125-141.	4.0	196
90	Finding strongly connected components of simple digraphs based on generalized rough sets theory. <i>Knowledge-Based Systems</i> , 2018, 149, 88-98.	4.0	10

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91	Knowledge distance measure in multigranulation spaces of fuzzy equivalence relations. Information Sciences, 2018, 448-449, 18-35.	4.0	37
92	Self-training semi-supervised classification based on density peaks of data. Neurocomputing, 2018, 275, 180-191.	3.5	85
93	Local-Density-Based Optimal Granulation and Manifold Information Granule Description. IEEE Transactions on Cybernetics, 2018, 48, 2795-2808.	6.2	17
94	A Dynamic Three-way Decision Model based on the Updating of Attribute Values. Knowledge-Based Systems, 2018, 142, 71-84.	4.0	63
95	Brightness and contrast controllable image enhancement based on histogram specification. Neurocomputing, 2018, 275, 2798-2809.	3.5	60
96	A Highly Accurate Framework for Self-Labeled Semisupervised Classification in Industrial Applications. IEEE Transactions on Industrial Informatics, 2018, 14, 909-920.	7.2	74
97	Prediction of Aluminum Electrolysis Superheat Based on Improved Relative Density Noise Filter SMO. , 2018, , .		4
98	A Multi-Granular Relative Density Model for Class Noise Detection. , 2018, , .		4
99	DGCC: A Case for Integration of Brain Cognition and Intelligence Computation. , 2018, , .		2
100	A Soft Sensing Prediction Model of Superheat Degree in the Aluminum Electrolysis Production. , 2018, , .		1
101	Multi-label Online Streaming Feature Selection Based on Spectral Granulation and Mutual Information. Lecture Notes in Computer Science, 2018, , 215-228.	1.0	10
102	A Novel Three-way decision model with decision-theoretic rough sets using utility theory. Knowledge-Based Systems, 2018, 159, 321-335.	4.0	72
103	A self-training semi-supervised classification algorithm based on density peaks of data and differential evolution. , 2018, , .		14
104	Text sentiment analysis based on multi-granularity joint solution. , 2018, , .		1
105	Relation Linking for Wikidata Using Bag of Distribution Representation. Lecture Notes in Computer Science, 2018, , 652-661.	1.0	1
106	Measuring Uncertainty of Probabilistic Rough Set Model From Its Three Regions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 3299-3309.	5.9	31
107	Water eutrophication assessment based on rough set and multidimensional cloud model. Chemometrics and Intelligent Laboratory Systems, 2017, 164, 103-112.	1.8	28
108	A novel water quality data analysis framework based on time-series data mining. Journal of Environmental Management, 2017, 196, 365-375.	3.8	46

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109	Fat node leading tree for data stream clustering with density peaks. Knowledge-Based Systems, 2017, 120, 99-117.	4.0	29
110	Image analysis by fractional-order orthogonal moments. Information Sciences, 2017, 382-383, 135-149.	4.0	89
111	Three-way decision model with two types of classification errors. Information Sciences, 2017, 420, 431-453.	4.0	49
112	EEG-Based Person Recognition Analysis and Criticism. , 2017, , .		5
113	Water eutrophication evaluation based on semi-supervised classification: A case study in Three Gorges Reservoir. Ecological Indicators, 2017, 81, 362-372.	2.6	33
114	Granular computing: from granularity optimization to multi-granularity joint problem solving. Granular Computing, 2017, 2, 105-120.	4.4	91
115	DGCC: data-driven granular cognitive computing. Granular Computing, 2017, 2, 343-355.	4.4	63
116	Water Bloom Precursor Analysis Based on Two Direction S-Rough Set. Water Resources Management, 2017, 31, 1435-1456.	1.9	6
117	Remote estimation of cyanobacterial blooms using the risky grade index (RGI) and coverage area index (CAI): a case study in the Three Gorges Reservoir, China. Environmental Science and Pollution Research, 2017, 24, 19044-19056.	2.7	9
118	The application of Markov model Based Equivalence Class Generalization in network anomaly detection. , 2017, , .		1
119	Online Streaming Feature Selection Based on Conditional Information Entropy. , 2017, , .		3
120	Noise self-filtering K-nearest neighbors algorithms. , 2017, , .		0
121	Data-Driven Granular Cognitive Computing. Lecture Notes in Computer Science, 2017, , 13-24.	1.0	7
122	A Semi-supervised Three-Way Clustering Framework for Multi-view Data. Lecture Notes in Computer Science, 2017, , 313-325.	1.0	4
123	Optimization of Electrode Electroencephalography Channel Selection Based on UPS-EMOA Algorithm. Journal of Medical Imaging and Health Informatics, 2017, 7, 1093-1098.	0.2	2
124	Incremental approximation computation in incomplete ordered decision systems. International Journal of Computational Intelligence Systems, 2017, 10, 540.	1.6	1
125	Research on approximation set of rough set based on fuzzy similarity. Journal of Intelligent and Fuzzy Systems, 2017, 32, 2549-2562.	0.8	15
126	The Born and Growing of Chinese Rough Set Community with Help of Professor Zdzisław Pawlak. Studies in Computational Intelligence, 2017, , 3-11.	0.7	0



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127	Water eutrophication evaluation based on rough set and petri nets: A case study in Xiangxi-River, Three Gorges Reservoir. <i>Ecological Indicators</i> , 2016, 69, 463-472.	2.6	47
128	An incremental approach for attribute reduction based on knowledge granularity. <i>Knowledge-Based Systems</i> , 2016, 104, 24-38.	4.0	48
129	DenPEHC: Density peak based efficient hierarchical clustering. <i>Information Sciences</i> , 2016, 373, 200-218.	4.0	97
130	Detecting and refining overlapping regions in complex networks with three-way decisions. <i>Information Sciences</i> , 2016, 373, 21-41.	4.0	66
131	Outlier detection based on local minima density. , 2016, , .		3
132	Piecewise two-dimensional normal cloud representation for time-series data mining. <i>Information Sciences</i> , 2016, 374, 32-50.	4.0	27
133	Brain Big Data in Wisdom Web of Things. , 2016, , 339-349.		3
134	A survey on rough set theory and its applications. <i>CAAI Transactions on Intelligence Technology</i> , 2016, 1, 323-333.	3.4	173
135	Prediction of Chlorophyll-a content using hybrid model of least squares support vector regression and radial basis function neural networks. , 2016, , .		3
136	The uncertainty of probabilistic rough sets in multi-granulation spaces. <i>International Journal of Approximate Reasoning</i> , 2016, 77, 38-54.	1.9	40
137	Lossless image compression based on integer Discrete Tchebichef Transform. <i>Neurocomputing</i> , 2016, 214, 587-593.	3.5	55
138	Fuzzy equivalence relation and its multigranulation spaces. <i>Information Sciences</i> , 2016, 346-347, 44-57.	4.0	24
139	Vibration-Based Outlier Detection on High Dimensional Data. <i>International Journal on Artificial Intelligence Tools</i> , 2016, 25, 1650013.	0.7	1
140	Rough sets in distributed decision information systems. <i>Knowledge-Based Systems</i> , 2016, 94, 13-22.	4.0	34
141	Axiomatic characterizations of (S, T)-fuzzy rough approximation operators. <i>Information Sciences</i> , 2016, 334-335, 17-43.	4.0	9
142	Explicit Krawtchouk moment invariants for invariant image recognition. <i>Journal of Electronic Imaging</i> , 2016, 25, 023002.	0.5	29
143	Approximate concept construction with three-way decisions and attribute reduction in incomplete contexts. <i>Knowledge-Based Systems</i> , 2016, 91, 165-178.	4.0	92
144	Spatial and temporal relation rule acquisition of eutrophication in Daâ€™ning River based on rough set theory. <i>Ecological Indicators</i> , 2016, 66, 180-189.	2.6	25

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145	A multi-granularity combined prediction model based on fuzzy trend forecasting and particle swarm techniques. <i>Neurocomputing</i> , 2016, 173, 1671-1682.	3.5	23
146	A tree-based incremental overlapping clustering method using the three-way decision theory. <i>Knowledge-Based Systems</i> , 2016, 91, 189-203.	4.0	186
147	Multi-granularity Similarity Measure of Cloud Concept. <i>Lecture Notes in Computer Science</i> , 2016, , 318-330.	1.0	1
148	Fast Human Detection Using Deformable Part Model at the Selected Candidate Detection Positions. <i>Lecture Notes in Computer Science</i> , 2015, , 502-512.	1.0	1
149	Inconsistent Dominance Principle Based Attribute Reduction in Ordered Information Systems. <i>Lecture Notes in Computer Science</i> , 2015, , 110-118.	1.0	0
150	Evaluating the correlation between a factor with an object by principal component analysis. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
151	Errata and comments on "Orthogonal moments based on exponent functions: Exponent-Fourier moments". <i>Pattern Recognition</i> , 2015, 48, 1571-1573.	5.1	13
152	Monotonic uncertainty measures for attribute reduction in probabilistic rough set model. <i>International Journal of Approximate Reasoning</i> , 2015, 59, 41-67.	1.9	91
153	A Decision-Theoretic Rough Set Approach for Dynamic Data Mining. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 1958-1970.	6.5	136
154	A survey of smart water quality monitoring system. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4893-4906.	2.7	74
155	The approximation set of a vague set in rough approximation space. <i>Information Sciences</i> , 2015, 300, 1-19.	4.0	25
156	A novel hybrid water quality time series prediction method based on cloud model and fuzzy forecasting. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 149, 39-49.	1.8	67
157	Brain Informatics-Based Big Data and the Wisdom Web of Things. <i>IEEE Intelligent Systems</i> , 2015, 30, 2-7.	4.0	24
158	Methods and Practices of Three-Way Decisions for Complex Problem Solving. <i>Lecture Notes in Computer Science</i> , 2015, , 255-265.	1.0	12
159	Multi-granularity Intelligent Information Processing. <i>Lecture Notes in Computer Science</i> , 2015, , 36-48.	1.0	3
160	Water Quality Prediction Based on a Novel Fuzzy Time Series Model and Automatic Clustering Techniques. <i>Lecture Notes in Computer Science</i> , 2015, , 395-407.	1.0	0
161	Water Quality Prediction Based on an Improved ARIMA- RBF Model Facilitated by Remote Sensing Applications. <i>Lecture Notes in Computer Science</i> , 2015, , 470-481.	1.0	0
162	Approximation Set of the Interval Set in Pawlak's Space. <i>Scientific World Journal</i> , The, 2014, 2014, 1-12.	0.8	1

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163	A Rough Set-Based Method for Updating Decision Rules on Attribute Valuesâ€™ Coarsening and Refining. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2886-2899.	4.0	82
164	A New Multi-Step Backward Cloud Transformation Algorithm Based on Normal Cloud Model. Fundamenta Informaticae, 2014, 133, 55-85.	0.3	24
165	Data-driven Valued Tolerance Relation Based on the Extended Rough Set. Fundamenta Informaticae, 2014, 132, 349-363.	0.3	10
166	Parallel Attribute Reduction Based on MapReduce. Lecture Notes in Computer Science, 2014, , 631-641.	1.0	1
167	Water quality prediction based on a novel hybrid model of ARIMA and RBF neural network. , 2014, , .		3
168	Remote sensing image enhancement based on wavelet analysis and histogram specification. , 2014, , .		0
169	Modeling the undulatory locomotion of C. elegans based on the proprioceptive mechanism. , 2014, , .		0
170	Granular computing with multiple granular layers for brain big data processing. Brain Informatics, 2014, 1, 1-10.	1.8	20
171	Blue noise sampling method based on mixture distance. Journal of Electronic Imaging, 2014, 23, 063015.	0.5	0
172	An Improved Hybrid ARIMA and Support Vector Machine Model for Water Quality Prediction. Lecture Notes in Computer Science, 2014, , 411-422.	1.0	3
173	Categorizing Overlapping Regions in Clustering Analysis Using Three-Way Decisions. , 2014, , .		6
174	Generic normal cloud model. Information Sciences, 2014, 280, 1-15.	4.0	211
175	Decision region distribution preservation reduction in decision-theoretic rough set model. Information Sciences, 2014, 278, 614-640.	4.0	80
176	An automatic method to determine the number of clusters using decision-theoretic rough set. International Journal of Approximate Reasoning, 2014, 55, 101-115.	1.9	176
177	On the Intuitionistic Fuzzy Topological Structures of Rough Intuitionistic Fuzzy Sets. Lecture Notes in Computer Science, 2014, , 1-22.	1.0	1
178	Monotonic Uncertainty Measures in Probabilistic Rough Set Model. Lecture Notes in Computer Science, 2014, , 88-98.	1.0	0
179	Image Enhancement Based on Quotient Space. Lecture Notes in Computer Science, 2014, , 384-391.	1.0	1
180	A new method for measuring fuzziness of vague set (or intuitionistic fuzzy set). Journal of Intelligent and Fuzzy Systems, 2013, 25, 505-515.	0.8	16

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181	A stable gene selection method based on sample weighting. , 2013, , .		1
182	MEMS Inertial Switch for Power Management of Environmental Vibration Monitoring. , 2013, , .		1
183	A Novel Method for Elimination of Inconsistencies in Ordinal Classification with Monotonicity Constraints. Fundamenta Informaticae, 2013, 126, 377-395.	0.3	7
184	Granular Computing Based on Gaussian Cloud Transformation. Fundamenta Informaticae, 2013, 127, 385-398.	0.3	12
185	Uncertainty Problem Processing with Covering Generalized Rough Sets. Intelligent Systems Reference Library, 2013, , 293-308.	1.0	2
186	Professor Zdzisław Pawlak (1926-2006): Founder of the Polish School of Artificial Intelligence. Intelligent Systems Reference Library, 2013, , 1-56.	1.0	4
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