

Zeng Yu

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

3,652
citations

109137

35
h-index

133063

59
g-index

64
all docs

64
docs citations

64
times ranked

1570
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting citywide crowd flows using deep spatio-temporal residual networks. <i>Artificial Intelligence</i> , 2018, 259, 147-166.	3.9	345
2	Multivariate time series forecasting via attention-based encoder-decoder framework. <i>Neurocomputing</i> , 2020, 388, 269-279.	3.5	238
3	A fuzzy rough set approach for incremental feature selection on hybrid information systems. <i>Fuzzy Sets and Systems</i> , 2015, 258, 39-60.	1.6	175
4	Composite rough sets for dynamic data mining. <i>Information Sciences</i> , 2014, 257, 81-100.	4.0	149
5	A Decision-Theoretic Rough Set Approach for Dynamic Data Mining. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 1958-1970.	6.5	136
6	A Rough-Set-Based Incremental Approach for Updating Approximations under Dynamic Maintenance Environments. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2013, 25, 274-284.	4.0	129
7	Parallel attribute reduction in dominance-based neighborhood rough set. <i>Information Sciences</i> , 2016, 373, 351-368.	4.0	125
8	Updating three-way decisions in incomplete multi-scale information systems. <i>Information Sciences</i> , 2019, 476, 274-289.	4.0	120
9	A unified model of sequential three-way decisions and multilevel incremental processing. <i>Knowledge-Based Systems</i> , 2017, 134, 172-188.	4.0	100
10	Incremental updating approximations in dominance-based rough sets approach under the variation of the attribute set. <i>Knowledge-Based Systems</i> , 2013, 40, 17-26.	4.0	96
11	An incremental attribute reduction approach based on knowledge granularity with a multi-granulation view. <i>Information Sciences</i> , 2017, 411, 23-38.	4.0	88
12	A Rough Set-Based Method for Updating Decision Rules on Attribute Values™ Coarsening and Refining. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2014, 26, 2886-2899.	4.0	82
13	Incremental update of approximations in dominance-based rough sets approach under the variation of attribute values. <i>Information Sciences</i> , 2015, 294, 348-361.	4.0	81
14	A sequential three-way approach to multi-class decision. <i>International Journal of Approximate Reasoning</i> , 2019, 104, 108-125.	1.9	78
15	A rough set based dynamic maintenance approach for approximations in coarsening and refining attribute values. <i>International Journal of Intelligent Systems</i> , 2010, 25, 1005-1026.	3.3	77
16	A Parallel Matrix-Based Method for Computing Approximations in Incomplete Information Systems. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2015, 27, 326-339.	4.0	76
17	Matrix approach to decision-theoretic rough sets for evolving data. <i>Knowledge-Based Systems</i> , 2016, 99, 123-134.	4.0	76
18	Matrix-based dynamic updating rough fuzzy approximations for data mining. <i>Knowledge-Based Systems</i> , 2017, 119, 273-283.	4.0	76

#	ARTICLE	IF	CITATIONS
19	A unified framework of dynamic three-way probabilistic rough sets. <i>Information Sciences</i> , 2017, 420, 126-147.	4.0	69
20	Incremental learning optimization on knowledge discovery in dynamic business intelligent systems. <i>Journal of Global Optimization</i> , 2011, 51, 325-344.	1.1	68
21	Dynamic Maintenance of Approximations in Dominance-Based Rough Set Approach under the Variation of the Object Set. <i>International Journal of Intelligent Systems</i> , 2013, 28, 729-751.	3.3	67
22	Fast algorithms for computing rough approximations in set-valued decision systems while updating criteria values. <i>Information Sciences</i> , 2015, 299, 221-242.	4.0	67
23	A temporal-spatial composite sequential approach of three-way granular computing. <i>Information Sciences</i> , 2019, 486, 171-189.	4.0	64
24	Incremental Feature Selection Using a Conditional Entropy Based on Fuzzy Dominance Neighborhood Rough Sets. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 1683-1697.	6.5	63
25	Incremental updating of rough approximations in interval-valued information systems under attribute generalization. <i>Information Sciences</i> , 2016, 373, 461-475.	4.0	54
26	Three-way decisions: beyond rough sets and granular computing. <i>International Journal of Machine Learning and Cybernetics</i> , 2020, 11, 989-1002.	2.3	54
27	An incremental attribute reduction method for dynamic data mining. <i>Information Sciences</i> , 2018, 465, 202-218.	4.0	52
28	Dynamic Fusion of Multisource Interval-Valued Data by Fuzzy Granulation. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 3403-3417.	6.5	49
29	Dynamic dominance rough set approach for processing composite ordered data. <i>Knowledge-Based Systems</i> , 2020, 187, 104829.	4.0	47
30	Unsupervised attribute reduction for mixed data based on fuzzy rough sets. <i>Information Sciences</i> , 2021, 572, 67-87.	4.0	47
31	Efficient updating rough approximations with multi-dimensional variation of ordered data. <i>Information Sciences</i> , 2016, 372, 690-708.	4.0	44
32	A data-level fusion model for unsupervised attribute selection in multi-source homogeneous data. <i>Information Fusion</i> , 2022, 80, 87-103.	11.7	44
33	Fuzzy information entropy-based adaptive approach for hybrid feature outlier detection. <i>Fuzzy Sets and Systems</i> , 2021, 421, 1-28.	1.6	41
34	A multilevel neighborhood sequential decision approach of three-way granular computing. <i>Information Sciences</i> , 2020, 538, 119-141.	4.0	40
35	An evidential analysis of Altman Z -score for financial predictions: Case study on solar energy companies. <i>Applied Soft Computing Journal</i> , 2017, 52, 748-759.	4.1	37
36	Incremental approaches for heterogeneous feature selection in dynamic ordered data. <i>Information Sciences</i> , 2020, 541, 475-501.	4.0	34

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37	Incremental fuzzy probability decision-theoretic approaches to dynamic three-way approximations. Information Sciences, 2021, 550, 71-90.	4.0	32
38	Domain-wise approaches for updating approximations with multi-dimensional variation of ordered information systems. Information Sciences, 2019, 478, 100-124.	4.0	31
39	Mixed data-driven sequential three-way decision via subjective“objective dynamic fusion. Knowledge-Based Systems, 2022, 237, 107728.	4.0	31
40	A factor graph model for unsupervised feature selection. Information Sciences, 2019, 480, 144-159.	4.0	29
41	Granular cabin: An efficient solution to neighborhood learning in big data. Information Sciences, 2022, 583, 189-201.	4.0	29
42	A novel approach for efficient updating approximations in dynamic ordered information systems. Information Sciences, 2020, 507, 197-219.	4.0	28
43	Incremental three-way neighborhood approach for dynamic incomplete hybrid data. Information Sciences, 2020, 541, 98-122.	4.0	28
44	An overview of air quality analysis by big data techniques: Monitoring, forecasting, and traceability. Information Fusion, 2021, 75, 28-40.	11.7	26
45	Temporal-spatial three-way granular computing for dynamic text sentiment classification. Information Sciences, 2022, 596, 551-566.	4.0	25
46	An improved MOEA/D algorithm for multi-objective multicast routing with network coding. Applied Soft Computing Journal, 2017, 59, 88-103.	4.1	24
47	Linear discriminant analysis guided by unsupervised ensemble learning. Information Sciences, 2019, 480, 211-221.	4.0	24
48	Local temporal-spatial multi-granularity learning for sequential three-way granular computing. Information Sciences, 2020, 541, 75-97.	4.0	24
49	A deep learning method for lincRNA detection using auto-encoder algorithm. BMC Bioinformatics, 2017, 18, 511.	1.2	22
50	Incremental rough reduction with stable attribute group. Information Sciences, 2022, 589, 283-299.	4.0	19
51	Dynamic maintenance of rough approximations in multi-source hybrid information systems. Information Sciences, 2020, 530, 108-127.	4.0	17
52	Incremental attribute reduction approaches for ordered data with time-evolving objects. Knowledge-Based Systems, 2021, 212, 106583.	4.0	15
53	DeepPIPE: A distribution-free uncertainty quantification approach for time series forecasting. Neurocomputing, 2020, 397, 11-19.	3.5	14
54	An integrated approach towards modeling ranked weights. Computers and Industrial Engineering, 2020, 147, 106629.	3.4	11

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55	Dynamic three-way neighborhood decision model for multi-dimensional variation of incomplete hybrid data. Information Sciences, 2022, 597, 358-391.	4.0	11
56	Three-way multi-granularity learning towards open topic classification. Information Sciences, 2022, 585, 41-57.	4.0	9
57	Food package suggestion system based on multi-objective optimization: A case study on a real-world restaurant. Applied Soft Computing Journal, 2020, 93, 106369.	4.1	6
58	A unified incremental updating framework of attribute reduction for two-dimensionally time-evolving data. Information Sciences, 2022, 601, 287-305.	4.0	6
59	Social web video clustering based on multi-modal and clustering ensemble. Neurocomputing, 2019, 366, 234-247.	3.5	2
60	Hierarchical Region Merging for Multi-scale Image Segmentation. , 2019, , .		1
61	A deep learning method for lincRNA identification using auto-encoder algorithm. , 2016, , .		0
62	A Novel Deep Learning Network Architecture with Cross-Layer Neurons. , 2016, , .		0
63	A Hash Method for Calculating Rough Set Approximations. , 2019, , .		0
64	Three-Stream Convolutional Networks for Video-based Person Re-Identification. , 2019, , .		0