Hualong Yu

List of Publications by Citations

64	1,239	20	34
papers	citations	h-index	g-index
75	1,550	3.7	4.96
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
64	ACOSampling: An ant colony optimization-based undersampling method for classifying imbalanced DNA microarray data. *Neurocomputing*, **2013**, 101, 309-318	5.4	123
63	Updating multigranulation rough approximations with increasing of granular structures. *Knowledge-Based Systems*, **2014**, 64, 59-69	7.3	94
62	Multi-label learning with label-specific feature reduction. *Knowledge-Based Systems*, **2016**, 104, 52-61	7.3	94
61	Support vector machine-based optimized decision threshold adjustment strategy for classifying imbalanced data. *Knowledge-Based Systems*, **2015**, 76, 67-78	7.3	60
60	An Improved Ensemble Learning Method for Classifying High-Dimensional and Imbalanced Biomedicine Data. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2014**, 11, 657-66	3	60
59	Pseudo-label neighborhood rough set: Measures and attribute reductions. *International Journal of Approximate Reasoning*, **2019**, 105, 112-129	3.6	57
58	Active Learning From Imbalanced Data: A Solution of Online Weighted Extreme Learning Machine. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 1088-1103	10.3	56
57	Dominance relation and rough sets in interval-valued information systems. *Information Sciences*, **2015**, 294, 334-347	7.7	55
56	ODOC-ELM: Optimal decision outputs compensation-based extreme learning machine for classifying imbalanced data. *Knowledge-Based Systems*, **2016**, 92, 55-70	7.3	53
55	Rough set based semi-supervised feature selection via ensemble selector. *Knowledge-Based Systems*, **2019**, 165, 282-296	7.3	52
54	A modified ant colony optimization algorithm for tumor marker gene selection. *Genomics, Proteomics and Bioinformatics*, **2009**, 7, 200-8	6.5	50
53	Decision-theoretic rough set: A multicost strategy. *Knowledge-Based Systems*, **2016**, 91, 71-83	7.3	41
52	. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 2353-2367	8.3	40
51	Accelerator for supervised neighborhood based attribute reduction. *International Journal of Approximate Reasoning*, **2020**, 119, 122-150	3.6	39
50	Iterative GDHP-based approximate optimal tracking control for a class of discrete-time nonlinear systems. *Neurocomputing*, **2016**, 214, 775-784	5.4	36
49	Cost-sensitive rough set approach. *Information Sciences*, **2016**, 355-356, 282-298	7.7	32
48	AL-ELM: One uncertainty-based active learning algorithm using extreme learning machine. *Neurocomputing*, **2015**, 166, 140-150	5.4	28

47	Accelerator for multi-granularity attribute reduction. *Knowledge-Based Systems*, **2019**, 177, 145-158	7.3	27
46	Supervised information granulation strategy for attribute reduction. *International Journal of Machine Learning and Cybernetics*, **2020**, 11, 2149-2163	3.8	24
45	Recognition of multiple imbalanced cancer types based on DNA microarray data using ensemble classifiers. *BioMed Research International*, **2013**, 2013, 239628	3	22
44	. *Tsinghua Science and Technology*, **2012**, 17, 666-673	3.4	18
43	Multigranulation rough set: A multiset based strategy. *International Journal of Computational Intelligence Systems*, **2017**, 10, 277	3.4	17
42	. *IEEE Access*, **2019**, 7, 170668-170681	3.5	17
41	Boosting label weighted extreme learning machine for classifying multi-label imbalanced data. *Neurocomputing*, **2020**, 403, 360-370	5.4	12
40	Adaptive online extreme learning machine by regulating forgetting factor by concept drift map. *Neurocomputing*, **2019**, 343, 141-153	5.4	12
39	LW-ELM: A Fast and Flexible Cost-Sensitive Learning Framework for Classifying Imbalanced Data. *IEEE Access*, **2018**, 6, 28488-28500	3.5	11
38	Estimating harmfulness of class imbalance by scatter matrix based class separability measure. *Intelligent Data Analysis*, **2014**, 18, 203-216	1.1	11
37	Multiclass microarray data classification based on confidence evaluation. *Genetics and Molecular Research*, **2012**, 11, 1357-69	1.2	8
36	Fuzzy One-Class Extreme Auto-encoder. *Neural Processing Letters*, **2019**, 50, 701-727	2.4	8
35	Learning discriminative shape statistics distribution features for pedestrian detection. *Neurocomputing*, **2016**, 184, 66-77	5.4	6
34	A Novel Discrete Particle Swarm Optimization Algorithm for Microarray Data-Based Tumor Marker Gene Selection **2008**,		6
33	Hierarchies on fuzzy information granulations: A knowledge distance based lattice approach. *Journal of Intelligent and Fuzzy Systems*, **2014**, 27, 1107-1117	1.6	5
32	A Review of Class Imbalance Learning Methods in Bioinformatics. *Current Bioinformatics*, **2015**, 10, 360-369	1.7	5
31	An Improved Mean Imputation Clustering Algorithm for Incomplete Data. *Neural Processing Letters*, **2020**, 1	2.4	4
30	Prediction of protein structural classes by decreasing nearest neighbor error rate **2015**,		4

29	Simple rule-based ensemble classifiers for cancer DNA microarray data classification **2011**,		4
28	A Dynamic Generation Approach for Ensemble of Extreme Learning Machines. *Lecture Notes in Computer Science*, **2014**, 294-302	0.9	4
27	Adaptive Decision Threshold-Based Extreme Learning Machine for Classifying Imbalanced Multi-label Data. *Neural Processing Letters*, **2020**, 52, 2151-2173	2.4	4
26	Neighborhood attribute reduction approach to partially labeled data. *Granular Computing*, **2020**, 5, 239-250	3.4	4
25	Imbalanced Extreme Learning Machine Based on Probability Density Estimation. *Lecture Notes in Computer Science*, **2015**, 160-167	0.9	3
24	Segmentation of Ultrasound Image Based on Cluster Ensemble **2008**,		3
23	Software Defect Prediction Based on Fuzzy Weighted Extreme Learning Machine with Relative Density Information. *Scientific Programming*, **2020**, 2020, 1-18	1.4	3
22	Online sequential extreme learning machine with the increased classes. *Computers and Electrical Engineering*, **2021**, 90, 107008	4.3	3
21	Combining Active Learning and Semi-Supervised Learning Based on Extreme Learning Machine for Multi-class Image Classification. *Lecture Notes in Computer Science*, **2015**, 163-175	0.9	2
20	Pseudolabel Decision-Theoretic Rough Set. *Mathematical Problems in Engineering*, **2019**, 2019, 1-16	1.1	2
19	Want More? Pay More!. *Lecture Notes in Computer Science*, **2014**, 144-151	0.9	2
18	Characterizing Hierarchies on Covering-Based Multigranulation Spaces. *Lecture Notes in Computer Science*, **2014**, 467-478	0.9	2
17	Haarlike Feature Revisited: Fast Human Detection Based on Multiple Channel Maps. *Lecture Notes in Computer Science*, **2015**, 240-247	0.9	2
16	Training data selection for imbalanced cross-project defect prediction. *Computers and Electrical Engineering*, **2021**, 94, 107370	4.3	2
15	An Exploration of Online Missing Value Imputation in Non-stationary Data Stream. *SN Computer Science*, **2021**, 2, 1	2	2
14	Software defect prediction based on weighted extreme learning machine. *Multiagent and Grid Systems*, **2020**, 16, 67-82	0.5	1
13	Classification of imbalanced bioinformatics data by using boundary movement-based ELM. *Bio-Medical Materials and Engineering*, **2015**, 26 Suppl 1, S1855-62	1	1
12	Rough set approach to incomplete multiscale information system. *Scientific World Journal, The*, **2014**, 2014, 538968	2.2	1

11	Cut decision-theoretic rough set approach: model and attribute reductions. *Scientific World Journal, The*, **2014**, 2014, 382439	2.2	1
10	A framework for microarray data-based tumor diagnostic system with improving performance incrementally. *Expert Systems With Applications*, **2010**, 37, 6682-6688	7.8	1
9	**2008**,		1
8	Ensemble and Quick Strategy for Searching Reduct: A Hybrid Mechanism. *Information (Switzerland)*, **2021**, 12, 25	2.6	1
7	Fast Pedestrian Detection Based on the Selective Window Differential Filter. *Neural Processing Letters*, **2018**, 48, 403-417	2.4	1
6	Beam-Influenced Attribute Selector for Producing Stable Reduct. *Mathematics*, **2022**, 10, 553	2.3	0
5	SMOTE-RkNN: A hybrid re-sampling method based on SMOTE and reverse k-nearest neighbors. *Information Sciences*, **2022**, 595, 70-88	7.7	0
4	Instance weighted SMOTE by indirectly exploring the data distribution. *Knowledge-Based Systems*, **2022**, 108919	7.3	0
3	Adaptive and efficient high-order rating distance optimization model with slack variable. *Knowledge-Based Systems*, **2020**, 205, 106228	7.3	
2	Probability Density Machine: A New Solution of Class Imbalance Learning. *Scientific Programming*, **2021**, 2021, 1-14	1.4	
1	Optimal Decision Threshold-Moving Strategy for Skewed Gaussian Naive Bayes Classifier. *Lecture Notes in Electrical Engineering*, **2022**, 837-843	0.2	