

# Yu-Lin He

## List of Publications by Year in descending order

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67  
papers

1,502  
citations

471061

17  
h-index

315357

38  
g-index

70  
all docs

70  
docs citations

70  
times ranked

1484  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Hybrid Method to Measure Distribution Consistency of Mixed-Attribute Datasets. IEEE Transactions on Artificial Intelligence, 2023, 4, 182-196.	3.4	2
2	Observation points classifier ensemble for high-dimensional imbalanced classification. CAAI Transactions on Intelligence Technology, 2023, 8, 500-517.	3.4	0
3	Wireless Network Slice Assignment With Incremental Random Vector Functional Link Network. IEEE Transactions on Network Science and Engineering, 2023, 10, 1283-1296.	4.1	1
4	Creating synthetic minority class samples based on autoencoder extreme learning machine. Pattern Recognition, 2022, 121, 108191.	5.1	10
5	Bayesian Attribute Bagging-Based Extreme Learning Machine for High-Dimensional Classification and Regression. ACM Transactions on Intelligent Systems and Technology, 2022, 13, 1-26.	2.9	2
6	A novel dependency-oriented mixed-attribute data classification method. Expert Systems With Applications, 2022, 199, 116782.	4.4	8
7	A Novel Maximum Mean Discrepancy-Based Semi-Supervised Learning Algorithm. Mathematics, 2022, 10, 39.	1.1	1
8	Improved I-nice clustering algorithm based on density peaks mechanism. Information Sciences, 2021, 548, 177-190.	4.0	11
9	A Compressed Hidden Naive Bayesian Classifier. , 2021, , .		0
10	An Improved Variable Kernel Density Estimator Based on L2 Regularization. Mathematics, 2021, 9, 2004.	1.1	5
11	Novel kernel density estimator based on ensemble unbiased cross-validation. Information Sciences, 2021, 581, 327-344.	4.0	9
12	A Two-Stage Missing Value Imputation Method Based on Autoencoder Neural Network. , 2021, , .		1
13	Random Sample Partition-Based Clustering Ensemble Algorithm for Big Data. , 2021, , .		4
14	A new approach to solve opinion dynamics on complex networks. Expert Systems With Applications, 2020, 145, 113132.	4.4	5
15	Clustering Ensembles Based on Probability Density Function Estimation. , 2020, , .		0
16	Observation Points-Based Particle Swarm Optimization Algorithm. , 2020, , .		0
17	Novel electricity pattern identification system based on improved I-nice algorithm. Computers and Industrial Engineering, 2020, 150, 106908.	3.4	6
18	An Incremental Kernel Density Estimator for Data Stream Computation. Complexity, 2020, 2020, 1-17.	0.9	3

#	ARTICLE	IF	CITATIONS
19	A Robust $k$ -Means Clustering Algorithm Based on Observation Point Mechanism. Complexity, 2020, 2020, 1-11.	0.9	14
20	Exploring and cleaning big data with random sample data blocks. Journal of Big Data, 2019, 6, .	6.9	18
21	Latent Feature Group Learning for High-Dimensional Data Clustering. Information (Switzerland), 2019, 10, 208.	1.7	1
22	Random Sample Partition: A Distributed Data Model for Big Data Analysis. IEEE Transactions on Industrial Informatics, 2019, 15, 5846-5854.	7.2	66
23	A new kernel density estimator based on the minimum entropy of data set. Information Sciences, 2019, 491, 223-231.	4.0	18
24	An Asymptotic Ensemble Learning Framework for Big Data Analysis. IEEE Access, 2019, 7, 3675-3693.	2.6	17
25	Neural Network-Based Deep Encoding for Mixed-Attribute Data Classification. Lecture Notes in Computer Science, 2019, , 153-163.	1.0	1
26	Further improvements on extreme learning machine for interval neural network. Neural Computing and Applications, 2018, 29, 311-318.	3.2	1
27	Random weight network-based fuzzy nonlinear regression for trapezoidal fuzzy number data. Applied Soft Computing Journal, 2018, 70, 959-979.	4.1	29
28	Uncertain principal-agent models for providing information service with moral hazards. Journal of Intelligent and Fuzzy Systems, 2018, 35, 3321-3332.	0.8	3
29	Determining the optimal temperature parameter for Softmax function in reinforcement learning. Applied Soft Computing Journal, 2018, 70, 80-85.	4.1	31
30	A Two-Stage Data Processing Algorithm to Generate Random Sample Partitions for Big Data Analysis. Lecture Notes in Computer Science, 2018, , 347-364.	1.0	13
31	SGB-ELM: An Advanced Stochastic Gradient Boosting-Based Ensemble Scheme for Extreme Learning Machine. Computational Intelligence and Neuroscience, 2018, 2018, 1-14.	1.1	7
32	Fuzziness based semi-supervised learning approach for intrusion detection system. Information Sciences, 2017, 378, 484-497.	4.0	407
33	Extreme learning machine with fuzzy input and fuzzy output for fuzzy regression. Neural Computing and Applications, 2017, 28, 3465-3476.	3.2	18
34	I-Sampling: A New Block-Based Sampling Method for Large-Scale Dataset. , 2017, , .		4
35	Self-adaptive Weighted Extreme Learning Machine for Imbalanced Classification Problems. Lecture Notes in Computer Science, 2017, , 116-128.	1.0	0
36	Comments on "Local coupled extreme learning machine". Neural Computing and Applications, 2017, 28, 631-634.	3.2	2

#	ARTICLE	IF	CITATIONS
37	Toward an efficient fuzziness based instance selection methodology for intrusion detection system. International Journal of Machine Learning and Cybernetics, 2017, 8, 1767-1776.	2.3	16
38	Improving Generalization Capability of Extreme Learning Machine with Synthetic Instances Generation. Lecture Notes in Computer Science, 2017, , 3-12.	1.0	0
39	Empirical analysis of asymptotic ensemble learning for big data. , 2016, , .		6
40	Exact and approximate algorithms for discounted {0-1} knapsack problem. Information Sciences, 2016, 369, 634-647.	4.0	39
41	Learning from Uncertainty for Big Data: Future Analytical Challenges and Strategies. IEEE Systems, Man, and Cybernetics Magazine, 2016, 2, 26-31.	1.2	63
42	Fuzzy nonlinear regression analysis using a random weight network. Information Sciences, 2016, 364-365, 222-240.	4.0	108
43	Recent advances in multiple criteria decision making techniques. International Journal of Machine Learning and Cybernetics, 2016, , 1.	2.3	11
44	Learning ELM-Tree from big data based on uncertainty reduction. Fuzzy Sets and Systems, 2015, 258, 79-100.	1.6	44
45	OWA operator based link prediction ensemble for social network. Expert Systems With Applications, 2015, 42, 21-50.	4.4	123
46	Fuzzy Integral-Based Kernel Regression Ensemble and Its Application. Advances in Computational Intelligence and Robotics Book Series, 2015, , 378-410.	0.4	2
47	Regression ensemble with PSO algorithms based fuzzy integral. , 2014, , .		0
48	A Further Investigation on the Reliability of Extreme Learning Machines. , 2014, , .		0
49	An advancing investigation on reduct and consistency for decision tables in Variable Precision Rough Set models. , 2014, , .		0
50	A study on relationships between heuristics and optimal cuts in decision tree induction. Computers and Electrical Engineering, 2014, 40, 1429-1438.	3.0	4
51	A set covering based approach to find the reduct of variable precision rough set. Information Sciences, 2014, 275, 83-100.	4.0	21
52	Non-Naive Bayesian Classifiers for Classification Problems With Continuous Attributes. IEEE Transactions on Cybernetics, 2014, 44, 21-39.	6.2	87
53	Domain ontology graph model and its application in Chinese text classification. Neural Computing and Applications, 2014, 24, 779-798.	3.2	13
54	Bayesian classifiers based on probability density estimation and their applications to simultaneous fault diagnosis. Information Sciences, 2014, 259, 252-268.	4.0	51

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55	A study on residence error of training an extreme learning machine and its application to evolutionary algorithms. <i>Neurocomputing</i> , 2014, 146, 75-82.	3.5	17
56	A New Method for Knowledge and Information Management Domain Ontology Graph Model. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2013, 43, 115-127.	5.9	31
57	Constructing re-substitution entropy estimator with discontinuous kernels. , 2013, , .		0
58	Comparison of geometric and arithmetic means for bandwidth selection in Nadaraya-Watson kernel regression estimator. , 2013, , .		0
59	Improving kernel incapability by equivalent probability in flexible na&#x00EF;ve Bayesian. , 2012, , .		3
60	Optimal bandwidth selection for re-substitution entropy estimation. <i>Applied Mathematics and Computation</i> , 2012, 219, 3425-3460.	1.4	13
61	Naive Bayesian Classifier Based on Neighborhood Probability. <i>Communications in Computer and Information Science</i> , 2012, , 112-121.	0.4	1
62	A comparative study among different kernel functions in flexible na&#x00EF;ve Bayesian classification. , 2011, , .		5
63	Particle swarm optimization for determining fuzzy measures from data. <i>Information Sciences</i> , 2011, 181, 4230-4252.	4.0	116
64	A new instance selection algorithm based on contribution for nearest neighbour classification. , 2010, , .		1
65	Two-ply iterative deepening in Chinese-chess computer game. , 2009, , .		4
66	NRMCS : Noise removing based on the MCS. , 2008, , .		2
67	Random vector functional link network with subspace-based local connections. <i>Applied Intelligence</i> , 0, , 1.	3.3	1