

# Yuhua Li

## List of Publications by Year in descending order

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56  
papers

3,169  
citations

304602

22  
h-index

377752

34  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2453  
citing authors

#	ARTICLE	IF	CITATIONS
1	Feature Importance Analysis for Customer Management of Insurance Products. , 2021, , .		3
2	A review of learning in biologically plausible spiking neural networks. Neural Networks, 2020, 122, 253-272.	3.3	199
3	Portrait style transfer using deep convolutional neural networks and facial segmentation. Computers and Electrical Engineering, 2020, 85, 106655.	3.0	12
4	A Supervised Learning Algorithm for Learning Precise Timing of Multiple Spikes in Multilayer Spiking Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5394-5407.	7.2	59
5	Quantitative analysis of breast cancer diagnosis using a probabilistic modelling approach. Computers in Biology and Medicine, 2018, 92, 168-175.	3.9	21
6	Coarse and fine identification of collusive clique in financial market. Expert Systems With Applications, 2017, 69, 225-238.	4.4	10
7	Forecasting price movements using technical indicators: Investigating the impact of varying input window length. Neurocomputing, 2017, 264, 71-88.	3.5	99
8	Computational intelligent hybrid model for detecting disruptive trading activity. Decision Support Systems, 2017, 93, 26-41.	3.5	11
9	Adaptive learning with covariate shift-detection for motor imagery-based brain-computer interface. Soft Computing, 2016, 20, 3085-3096.	2.1	84
10	Detecting Wash Trade in Financial Market Using Digraphs and Dynamic Programming. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2351-2363.	7.2	23
11	Fault-Tolerant Networks-on-Chip Routing With Coarse and Fine-Grained Look-Ahead. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2016, 35, 260-273.	1.9	43
12	Learning with covariate shift-detection and adaptation in non-stationary environments: Application to brain-computer interface. , 2015, , .		6
13	Multi-DL-ReSuMe: Multiple neurons Delay Learning Remote Supervised Method. , 2015, , .		10
14	Sentiment Classification in the Financial Domain Using? SVM and Multi-Objective Optimisation. , 2015, , .		0
15	Bio-inspired hierarchical framework for multi-view face detection and pose estimation. , 2015, , .		3
16	Low cost fault-tolerant routing algorithm for Networks-on-Chip. Microprocessors and Microsystems, 2015, 39, 358-372.	1.8	42
17	Novelty Detection Using Level Set Methods. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 576-588.	7.2	22
18	DL-ReSuMe: A Delay Learning-Based Remote Supervised Method for Spiking Neurons. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 3137-3149.	7.2	69

#	ARTICLE	IF	CITATIONS
19	Fine-Grained Fault-Tolerant Adaptive Routing for Networks-on-Chip. Lecture Notes in Computer Science, 2015, , 492-505.	1.0	1
20	EWMA model based shift-detection methods for detecting covariate shifts in non-stationary environments. Pattern Recognition, 2015, 48, 659-669.	5.1	67
21	Adaptive Hidden Markov Model With Anomaly States for Price Manipulation Detection. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 318-330.	7.2	66
22	Bio-Inspired Hybrid Framework for Multi-view Face Detection. Lecture Notes in Computer Science, 2015, , 232-239.	1.0	1
23	Low Overhead Monitor Mechanism for Fault-Tolerant Analysis of NoC. , 2014, , .		6
24	Adaptive learning with covariate shift-detection for non-stationary environments. , 2014, , .		14
25	Multi-agent pre-trade analysis acceleration in FPGA. , 2014, , .		2
26	Online traffic-aware fault detection for networks-on-chip. Journal of Parallel and Distributed Computing, 2014, 74, 1984-1993.	2.7	44
27	An experimental evaluation of novelty detection methods. Neurocomputing, 2014, 135, 313-327.	3.5	96
28	A comparison of forecasting approaches for capital markets. , 2014, , .		2
29	A locally adaptive boundary evolution algorithm for novelty detection using level set methods. , 2014, , .		4
30	Pre-processing online financial text for sentiment classification: A natural language processing approach. , 2014, , .		14
31	Forecasting stock price directional movements using technical indicators: Investigating window size effects on one-step-ahead forecasting. , 2014, , .		14
32	Detecting wash trade in the financial market. , 2014, , .		8
33	Detecting price manipulation in the financial market. , 2014, , .		18
34	Online fault detection for Networks-on-Chip interconnect. , 2014, , .		7
35	Covariate shift-adaptation using a transductive learning model for handling non-stationarity in EEG based brain-computer interfaces. , 2014, , .		5
36	A Hidden Markov Model with Abnormal States for Detecting Stock Price Manipulation. , 2013, , .		8

#	ARTICLE	IF	CITATIONS
37	A hybrid forecasting approach using ARIMA models and self-organising fuzzy neural networks for capital markets. , 2013, , .		5
38	Evaluation of Sampling Methods for Learning from Imbalanced Data. Lecture Notes in Computer Science, 2013, , 392-401.	1.0	27
39	Dataset Shift Detection in Non-stationary Environments Using EWMA Charts. , 2013, , .		19
40	Novelty Detection Using Level Set Methods with Adaptive Boundaries. , 2013, , .		1
41	EWMA Based Two-Stage Dataset Shift-Detection in Non-stationary Environments. IFIP Advances in Information and Communication Technology, 2013, , 625-635.	0.5	10
42	Constructing minimum volume surfaces using level set methods for novelty detection. , 2012, , .		8
43	Feature selection for high-dimensional machinery fault diagnosis data using multiple models and Radial Basis Function networks. Neurocomputing, 2011, 74, 2941-2952.	3.5	86
44	Selecting Critical Patterns Based on Local Geometrical and Statistical Information. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 1189-1201.	9.7	109
45	Selecting training points for one-class support vector machines. Pattern Recognition Letters, 2011, 32, 1517-1522.	2.6	61
46	A novel feature selection algorithm for high-dimensional condition monitoring data. International Journal of Condition Monitoring, 2011, 1, 33-43.	0.1	1
47	A surface representation approach for novelty detection. , 2008, , .		1
48	A Hybrid Model with a Weighted Voting Scheme for Feature Selection in Machinery Condition Monitoring. , 2007, , .		1
49	Sentence similarity based on semantic nets and corpus statistics. IEEE Transactions on Knowledge and Data Engineering, 2006, 18, 1138-1150.	4.0	588
50	An investigation of the effects of measurement noise in the use of instantaneous angular speed for machine diagnosis. Mechanical Systems and Signal Processing, 2006, 20, 1444-1460.	4.4	81
51	A validated model for the prediction of rotor bar failure in squirrel-cage motors using instantaneous angular speed. Mechanical Systems and Signal Processing, 2006, 20, 1572-1589.	4.4	39
52	The measurement of instantaneous angular speed. Mechanical Systems and Signal Processing, 2005, 19, 786-805.	4.4	131
53	An approach for measuring semantic similarity between words using multiple information sources. IEEE Transactions on Knowledge and Data Engineering, 2003, 15, 871-882.	4.0	841
54	Measuring Semantic Similarity Between Words Using Lexical Knowledge and Neural Networks. Lecture Notes in Computer Science, 2002, , 111-116.	1.0	4

#	ARTICLE	IF	CITATIONS
55	Improving the performance of radial basis function classifiers in condition monitoring and fault diagnosis applications where `unknown' faults may occur. Pattern Recognition Letters, 2002, 23, 569-577.	2.6	43
56	Applying MLP and RBF classifiers in embedded condition monitoring and fault diagnosis systems. Transactions of the Institute of Measurement and Control, 2001, 23, 315-343.	1.1	11