Lu Bai

List of Publications by Year
in descending order

68	1,034	489802 18	511568 30
papers	citations	h-index	g-index

71	71	71	940
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Learning Aligned Vertex Convolutional Networks for Graph Classification. IEEE Transactions on Neural Networks and Learning Systems, 2024, PP, 1-15.	7.2	2
2	Graph Motif Entropy for Understanding Time-Evolving Networks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1651-1665.	7.2	7
3	Entropic Dynamic Time Warping Kernels for Co-Evolving Financial Time Series Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1808-1822.	7.2	10
4	Learning Backtrackless Aligned-Spatial Graph Convolutional Networks for Graph Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 783-798.	9.7	43
5	Facile synthesis of Fe-modified lignin-based biochar for ultra-fast adsorption of methylene blue: Selective adsorption and mechanism studies. Bioresource Technology, 2022, 344, 126186.	4.8	81
6	Multiple graph kernel learning based on GMDH-type neural network. Information Fusion, 2021, 66, 100-110.	11.7	15
7	Deep RÃ©nyi entropy graph kernel. Pattern Recognition, 2021, 111, 107668.	5.1	16
8	Learning Graph Convolutional Networks based on Quantum Vertex Information Propagation. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	4.0	9
9	Graph Transformer: Learning Better Representations for Graph Neural Networks. Lecture Notes in Computer Science, 2021, , 139-149.	1.0	1
10	Cross-Supervised Joint-Event-Extraction with Heterogeneous Information Networks. , 2021, , .		2
11	Internet financing credit risk evaluation using multiple structural interacting elastic net feature selection. Pattern Recognition, 2021, 114, 107835.	5.1	27
12	Fused lasso for feature selection using structural information. Pattern Recognition, 2021, 119, 108058.	5.1	18
13	LGL-GNN: Learning Global and Local Information for Graph Neural Networks. Lecture Notes in Computer Science, 2021, , 129-138.	1.0	1
14	Local-global nested graph kernels using nested complexity traces. Pattern Recognition Letters, 2020, 134, 87-95.	2.6	7
15	A Quantum-Inspired Similarity Measure for the Analysis of Complete Weighted Graphs. IEEE Transactions on Cybernetics, 2020, 50, 1264-1277.	6.2	17
16	Spectral bounding: Strictly satisfying the 1-Lipschitz property for generative adversarial networks. Pattern Recognition, 2020, 105, 107179.	5.1	10
17	Generative temporal link prediction via self-tokenized sequence modeling. World Wide Web, 2020, 23, 2471-2488.	2.7	3
18	Probabilistic SVM classifier ensemble selection based on GMDH-type neural network. Pattern Recognition, 2020, 106, 107373.	5.1	25

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19	Learning Aligned-Spatial Graph Convolutional Networks for Graph Classification. Lecture Notes in Computer Science, 2020, , 464-482.	1.0	7
20	Depth-based subgraph convolutional auto-encoder for network representation learning. Pattern Recognition, 2019, 90, 363-376.	5.1	26
21	Competitive Multi-agent Deep Reinforcement Learning with Counterfactual Thinking. , 2019, , .		3
22	Deep depth-based representations of graphs through deep learning networks. Neurocomputing, 2019, 336, 3-12.	3.5	12
23	Identifying the most informative features using a structurally interacting elastic net. Neurocomputing, 2019, 336, 13-26.	3.5	13
24	Quantum-based subgraph convolutional neural networks. Pattern Recognition, 2019, 88, 38-49.	5.1	44
25	Nonlocal Similarity Based Nonnegative Tucker Decomposition for Hyperspectral Image Denoising. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 701-712.	2.3	60
26	Adaptive hash retrieval with kernel based similarity. Pattern Recognition, 2018, 75, 136-148.	5.1	76
27	A hybrid reproducing graph kernel based on information entropy. Pattern Recognition, 2018, 73, 89-98.	5.1	20
28	Market Abnormality Period Detection via Co-movement Attention Model. , 2018, , .		0
29	A Deep Hybrid Graph Kernel Through Deep Learning Networks. , 2018, , .		0
30	Deep Co-Investment Network Learning for Financial Assets. , 2018, , .		3
31	A Unified Neighbor Reconstruction Method for Embeddings. , 2018, , .		1
32	A Preliminary Survey of Analyzing Dynamic Time-Varying Financial Networks Using Graph Kernels. Lecture Notes in Computer Science, 2018, , 237-247.	1.0	2
33	A Mixed Entropy Local-Global Reproducing Kernel for Attributed Graphs. Lecture Notes in Computer Science, 2018, , 501-511.	1.0	0
34	Analyzing Time Series from Chinese Financial Market Using a Linear-Time Graph Kernel. Lecture Notes in Computer Science, 2018, , 227-236.	1.0	0
35	Differential weights-based band selection for hyperspectral image classification. International Journal of Wavelets, Multiresolution and Information Processing, 2017, 15, 1750065.	0.9	3
36	Fast K-means for Large Scale Clustering. , 2017, , .		6

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37	Joint hypergraph learning and sparse regression for feature selection. Pattern Recognition, 2017, 63, 291-309.	5.1	56
38	High-order covariate interacted Lasso for feature selection. Pattern Recognition Letters, 2017, 87, 139-146.	2.6	19
39	Quantum kernels for unattributed graphs using discrete-time quantum walks. Pattern Recognition Letters, 2017, 87, 96-103.	2.6	25
40	Adaptive Feature Selection Based on the Most Informative Graph-Based Features. Lecture Notes in Computer Science, 2017, , 276-287.	1.0	6
41	A Nested Alignment Graph Kernel Through the Dynamic Time Warping Framework. Lecture Notes in Computer Science, 2017, , 59-69.	1.0	3
42	An edge-based matching kernel on commute-time spanning trees. , 2016, , .		0
43	A transitive aligned Weisfeiler-Lehman subtree kernel. , 2016, , .		1
44	A novel entropy-based graph signature from the average mixing matrix. , 2016, , .		1
45	Shape classification with a vertex clustering graph kernel. , 2016, , .		0
46	Link prediction via Supervised Dynamic Network Formation. , 2016, , .		0
47	Maximum margin hashing with supervised information. Multimedia Tools and Applications, 2016, 75, 3955-3971.	2.6	6
48	Band Weighting via Maximizing Interclass Distance for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 922-925.	1.4	25
49	Depth-based hypergraph complexity traces from directed line graphs. Pattern Recognition, 2016, 54, 229-240.	5.1	16
50	Discriminative sparse representation for face recognition. Multimedia Tools and Applications, 2016, 75, 3973-3992.	2.6	13
51	High-order graph matching kernel for early carcinoma EUS image classification. Multimedia Tools and Applications, 2016, 75, 3993-4012.	2.6	8
52	Discriminative sparse neighbor coding. Multimedia Tools and Applications, 2016, 75, 4013-4037.	2.6	5
53	Fast depth-based subgraph kernels for unattributed graphs. Pattern Recognition, 2016, 50, 233-245.	5.1	25
54	A quantum Jensenâ€“Shannon graph kernel for unattributed graphs. Pattern Recognition, 2015, 48, 344-355.	5.1	78

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55	A Quantum Jensen-Shannon Graph Kernel Using Discrete-Time Quantum Walks. Lecture Notes in Computer Science, 2015, , 252-261.	1.0	2
56	An Edge-Based Matching Kernel for Graphs Through the Directed Line Graphs. Lecture Notes in Computer Science, 2015, , 85-95.	1.0	3
57	An Edge-Based Matching Kernel Through Discrete-Time Quantum Walks. Lecture Notes in Computer Science, 2015, , 27-38.	1.0	3
58	An Attributed Graph Kernel from the Jensen-Shannon Divergence. , 2014, , .		2
59	A Hypergraph Kernel from Isomorphism Tests. , 2014, , .		9
60	Directed Depth-Based Complexity Traces of Hypergraphs from Directed Line Graphs. , 2014, , .		1
61	Semi-randomized hashing for large scale data retrieval. , 2014, , .		0
62	Depth-based complexity traces of graphs. Pattern Recognition, 2014, 47, 1172-1186.	5.1	38
63	Attributed Graph Kernels Using the Jensen-Tsallis q-Differences. Lecture Notes in Computer Science, 2014, , 99-114.	1.0	18
64	Graph Kernels from the Jensen-Shannon Divergence. Journal of Mathematical Imaging and Vision, 2013, 47, 60-69.	0.8	72
65	A Quantum Jensen-Shannon Graph Kernel Using the Continuous-Time Quantum Walk. Lecture Notes in Computer Science, 2013, , 121-131.	1.0	10
66	A Jensen-Shannon Kernel for Hypergraphs. Lecture Notes in Computer Science, 2012, , 181-189.	1.0	3
67	Graph Complexity from the Jensen-Shannon Divergence. Lecture Notes in Computer Science, 2012, , 79-88.	1.0	4
68	Graph Clustering Using the Jensen-Shannon Kernel. Lecture Notes in Computer Science, 2011, , 394-401.	1.0	6