

Lin Liu

List of Publications by Year in descending order

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63
papers

1,694
citations

430874

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315739

38
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64
all docs

64
docs citations

64
times ranked

2106
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting LncRNA-Disease Association Based on Generative Adversarial Network. Current Gene Therapy, 2022, 22, 144-151.	2.0	9
2	<i>pDriver</i>: a novel method for unravelling personalized coding and miRNA cancer drivers. Bioinformatics, 2021, 37, 3285-3292.	4.1	8
3	Uncovering the roles of microRNAs/lncRNAs in characterising breast cancer subtypes and prognosis. BMC Bioinformatics, 2021, 22, 300.	2.6	6
4	A Unified View of Causal and Non-causal Feature Selection. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-46.	3.5	39
5	Causality-based Feature Selection. ACM Computing Surveys, 2021, 53, 1-36.	23.0	88
6	Evidence Weighted Tree Ensembles for Text Classification. , 2020, , .		0
7	Privacy preserving serial publication of transactional data. Information Systems, 2019, 82, 53-70.	3.6	10
8	Data-driven discovery of causal interactions. International Journal of Data Science and Analytics, 2019, 8, 285-297.	4.1	2
9	Multi-label relational classification via node and label correlation. Neurocomputing, 2018, 292, 72-81.	5.9	8
10	miRBaseConverter: an R/Bioconductor package for converting and retrieving miRNA name, accession, sequence and family information in different versions of miRBase. BMC Bioinformatics, 2018, 19, 514.	2.6	59
11	Guest Editorial: Special Issue on Causal Discovery 2017. International Journal of Data Science and Analytics, 2018, 6, 1-2.	4.1	2
12	ParallelPC: An R Package for Efficient Causal Exploration in Genomic Data. Lecture Notes in Computer Science, 2018, , 207-218.	1.3	4
13	Which Type of Classifier to Use for Networked Data, Connectivity Based or Feature Based?. Lecture Notes in Computer Science, 2018, , 364-380.	1.3	0
14	SensorTree: Bursty Propagation Trees as Sensors for Protest Event Detection. Lecture Notes in Computer Science, 2018, , 281-296.	1.3	5
15	LncmiRSRN: identification and analysis of long non-coding RNA related miRNA sponge regulatory network in human cancer. Bioinformatics, 2018, 34, 4232-4240.	4.1	73
16	Mining Markov Blankets Without Causal Sufficiency. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 6333-6347.	11.3	14
17	Predicting academic performance by considering student heterogeneity. Knowledge-Based Systems, 2018, 161, 134-146.	7.1	115
18	Collective behavior learning by differentiating personal preference from peer influence. Knowledge-Based Systems, 2018, 159, 233-243.	7.1	8

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19	Use of Haploid Model of <i>Candida albicans</i> to Uncover Mechanism of Action of a Novel Antifungal Agent. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 164.	3.9	15
20	A data-driven method to detect adverse drug events from prescription data. <i>Journal of Biomedical Informatics</i> , 2018, 85, 10-20.	4.3	9
21	Information Propagation Trees for Protest Event Prediction. <i>Lecture Notes in Computer Science</i> , 2018, , 777-789.	1.3	5
22	Guest editorial: special issue on causal discovery. <i>International Journal of Data Science and Analytics</i> , 2017, 3, 79-80.	4.1	0
23	Inferring miRNA sponge co-regulation of protein-protein interactions in human breast cancer. <i>BMC Bioinformatics</i> , 2017, 18, 243.	2.6	20
24	CancerSubtypes: an R/Bioconductor package for molecular cancer subtype identification, validation and visualization. <i>Bioinformatics</i> , 2017, 33, 3131-3133.	4.1	196
25	Mining heterogeneous causal effects for personalized cancer treatment. <i>Bioinformatics</i> , 2017, 33, 2372-2378.	4.1	25
26	Identifying microRNA targets in epithelial-mesenchymal transition using joint-intervention causal inference. , 2017, , .		2
27	Building Diversified Multiple Trees for classification in high dimensional noisy biomedical data. <i>Health Information Science and Systems</i> , 2017, 5, 5.	5.2	4
28	Identifying miRNA sponge modules using biclustering and regulatory scores. <i>BMC Bioinformatics</i> , 2017, 18, 44.	2.6	25
29	Causal Decision Trees. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2017, 29, 257-271.	5.7	40
30	Discrimination detection by causal effect estimation. , 2017, , .		8
31	Utility Aware Clustering for Publishing Transactional Data. <i>Lecture Notes in Computer Science</i> , 2017, , 481-494.	1.3	6
32	Carbon: Forecasting Civil Unrest Events by Monitoring News and Social Media. <i>Lecture Notes in Computer Science</i> , 2017, , 859-865.	1.3	7
33	Evaluating and Improving SIP Non-INVITE Transaction to Alleviate the Losing Race Problem. <i>Lecture Notes in Computer Science</i> , 2017, , 57-77.	1.3	0
34	Predicting miRNA Targets by Integrating Gene Regulatory Knowledge with Expression Profiles. <i>PLoS ONE</i> , 2016, 11, e0152860.	2.5	15
35	An Android Communication App Forensic Taxonomy. <i>Journal of Forensic Sciences</i> , 2016, 61, 1337-1350.	1.6	43
36	Identification of miRNA-mRNA regulatory modules by exploring collective group relationships. <i>BMC Genomics</i> , 2016, 17, 7.	2.8	25

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37	Mining combined causes in large data sets. Knowledge-Based Systems, 2016, 92, 104-111.	7.1	14
38	An Android Social App Forensics Adversary Model. , 2016, , .		21
39	Identifying miRNA synergistic regulatory networks in heterogeneous human data via network motifs. Molecular BioSystems, 2016, 12, 454-463.	2.9	9
40	Ensemble Methods for MiRNA Target Prediction from Expression Data. PLoS ONE, 2015, 10, e0131627.	2.5	35
41	miRLAB: An R Based Dry Lab for Exploring miRNA-mRNA Regulatory Relationships. PLoS ONE, 2015, 10, e0145386.	2.5	33
42	A Study of Ten Popular Android Mobile VoIP Applications: Are the Communications Encrypted?. , 2014, , .		17
43	Inferring novel lncRNA-disease associations based on a random walk model of a lncRNA functional similarity network. Molecular BioSystems, 2014, 10, 2074-2081.	2.9	296
44	Inferring condition-specific miRNA activity from matched miRNA and mRNA expression data. Bioinformatics, 2014, 30, 3070-3077.	4.1	22
45	Discovering Collective Group Relationships. Lecture Notes in Computer Science, 2014, , 110-121.	1.3	2
46	Inferring microRNA and transcription factor regulatory networks in heterogeneous data. BMC Bioinformatics, 2013, 14, 92.	2.6	35
47	Mining Causal Association Rules. , 2013, , .		32
48	Modelling of money laundering and terrorism financing typologies. Journal of Money Laundering Control, 2012, 15, 316-335.	1.1	23
49	Discovery of Causal Rules Using Partial Association. , 2012, , .		23
50	Spectral Representation of Protein Sequences. Journal of Computational and Theoretical Nanoscience, 2011, 8, 1335-1339.	0.4	2
51	Uncovering SIP Vulnerabilities to DoS Attacks Using Coloured Petri Nets. , 2011, , .		7
52	Identifying functional miRNA-mRNA regulatory modules with correspondence latent dirichlet allocation. Bioinformatics, 2010, 26, 3105-3111.	4.1	91
53	A simple yet effective data integration approach to tree-based microarray data classification. , 2010, 2010, 1503-6.		1
54	Exploring complex miRNA-mRNA interactions with Bayesian networks by splitting-averaging strategy. BMC Bioinformatics, 2009, 10, 408.	2.6	72

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55	Modelling and Analysis of the INVITE Transaction of the Session Initiation Protocol Using Coloured Petri Nets. Lecture Notes in Computer Science, 2008, , 132-151.	1.3	9
56	Symbolic Language Representations for Parametric Verification of the Revised Capability Exchange Signalling Protocol. , 2007, , .		2
57	Verification of the Capability Exchange Signalling protocol. International Journal on Software Tools for Technology Transfer, 2007, 9, 305-326.	1.9	7
58	Reducing Parametric Automata: A Multimedia Protocol Service Case Study. Lecture Notes in Computer Science, 2004, , 483-486.	1.3	1
59	Tackling the Infinite State Space of a Multimedia Control Protocol Service Specification. Lecture Notes in Computer Science, 2002, , 273-293.	1.3	9
60	3.2.4 Modelling and Analysis of Internet Multimedia Protocols. In cose International Symposium, 2001, 11, 258-265.	0.6	3
61	FUZZY BAYESIAN NETWORKS "A GENERAL FORMALISM FOR REPRESENTATION, INFERENCE AND LEARNING WITH HYBRID BAYESIAN NETWORKS. International Journal of Pattern Recognition and Artificial Intelligence, 2000, 14, 941-962.	1.2	31
62	Estimating the parameters of mixed Bayesian networks from incomplete data. , 1999, , .		0
63	Obtaining the service language for H.245's multimedia capability exchange signalling protocol: the final step. , 0, , .		2