# Lin Liu

List of Publications by Year
in descending order



| 63 | 1,694 | 430874 | 315739 |
|---|---|---|---|
| papers | citations | 18 h-index | 38 g-index |

| 64 | 64 | 64 | 2106 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Inferring novel lncRNAâ€“disease associations based on a random walk model of a lncRNA functional similarity network. Molecular BioSystems, 2014, 10, 2074-2081. | 2.9 | 296 |
| 2 | CancerSubtypes: an R/Bioconductor package for molecular cancer subtype identification, validation and visualization. Bioinformatics, 2017, 33, 3131-3133. | 4.1 | 196 |
| 3 | Predicting academic performance by considering student heterogeneity. Knowledge-Based Systems, 2018, 161, 134-146. | 7.1 | 115 |
| 4 | Identifying functional miRNAâ€“mRNA regulatory modules with correspondence latent dirichlet allocation. Bioinformatics, 2010, 26, 3105-3111. | 4.1 | 91 |
| 5 | Causality-based Feature Selection. ACM Computing Surveys, 2021, 53, 1-36. | 23.0 | 88 |
| 6 | 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 |
| 7 | Exploring complex miRNA-mRNA interactions with Bayesian networks by splitting-averaging strategy. BMC Bioinformatics, 2009, 10, 408. | 2.6 | 72 |
| 8 | 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 |
| 9 | An Android Communication App Forensic Taxonomy. Journal of Forensic Sciences, 2016, 61, 1337-1350. | 1.6 | 43 |
| 10 | Causal Decision Trees. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 257-271. | 5.7 | 40 |
| 11 | A Unified View of Causal and Non-causal Feature Selection. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-46. | 3.5 | 39 |
| 12 | Inferring microRNA and transcription factor regulatory networks in heterogeneous data. BMC Bioinformatics, 2013, 14, 92. | 2.6 | 35 |
| 13 | Ensemble Methods for MiRNA Target Prediction from Expression Data. PLoS ONE, 2015, 10, e0131627. | 2.5 | 35 |
| 14 | miRLAB: An R Based Dry Lab for Exploring miRNA-mRNA Regulatory Relationships. PLoS ONE, 2015, 10, e0145386. | 2.5 | 33 |
| 15 | Mining Causal Association Rules. , 2013, , . | | 32 |
| 16 | FUZZY BAYESIAN NETWORKS â€" 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 |
| 17 | Identification of miRNA-mRNA regulatory modules by exploring collective group relationships. BMC Genomics, 2016, 17, 7. | 2.8 | 25 |
| 18 | Mining heterogeneous causal effects for personalized cancer treatment. Bioinformatics, 2017, 33, 2372-2378. | 4.1 | 25 |

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|---|---|---|---|
| 19 | Identifying miRNA sponge modules using biclustering and regulatory scores. BMC Bioinformatics, 2017, 18, 44. | 2.6 | 25 |
| 20 | Modelling of money laundering and terrorism financing typologies. Journal of Money Laundering Control, 2012, 15, 316-335. | 1.1 | 23 |
| 21 | Discovery of Causal Rules Using Partial Association. , 2012, , . | | 23 |
| 22 | Inferring condition-specific miRNA activity from matched miRNA and mRNA expression data. Bioinformatics, 2014, 30, 3070-3077. | 4.1 | 22 |
| 23 | An Android Social App Forensics Adversary Model. , 2016, , . | | 21 |
| 24 | Inferring miRNA sponge co-regulation of protein-protein interactions in human breast cancer. BMC Bioinformatics, 2017, 18, 243. | 2.6 | 20 |
| 25 | A Study of Ten Popular Android Mobile VoIP Applications: Are the Communications Encrypted?. , 2014, , . | | 17 |
| 26 | Predicting miRNA Targets by Integrating Gene Regulatory Knowledge with Expression Profiles. PLoS ONE, 2016, 11, e0152860. | 2.5 | 15 |
| 27 | Use of Haploid Model of Candida albicans to Uncover Mechanism of Action of a Novel Antifungal Agent. Frontiers in Cellular and Infection Microbiology, 2018, 8, 164. | 3.9 | 15 |
| 28 | Mining combined causes in large data sets. Knowledge-Based Systems, 2016, 92, 104-111. | 7.1 | 14 |
| 29 | Mining Markov Blankets Without Causal Sufficiency. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 6333-6347. | 11.3 | 14 |
| 30 | Privacy preserving serial publication of transactional data. Information Systems, 2019, 82, 53-70. | 3.6 | 10 |
| 31 | Identifying miRNA synergistic regulatory networks in heterogeneous human data via network motifs. Molecular BioSystems, 2016, 12, 454-463. | 2.9 | 9 |
| 32 | A data-driven method to detect adverse drug events from prescription data. Journal of Biomedical Informatics, 2018, 85, 10-20. | 4.3 | 9 |
| 33 | Predicting LncRNA-Disease Association Based on Generative Adversarial Network. Current Gene Therapy, 2022, 22, 144-151. | 2.0 | 9 |
| 34 | Tackling the Infinite State Space of a Multimedia Control Protocol Service Specification. Lecture Notes in Computer Science, 2002, , 273-293. | 1.3 | 9 |
| 35 | 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 |
| 36 | Discrimination detection by causal effect estimation. , 2017, , . | | 8 |

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|---|---|---|---|
| 37 | Multi-label relational classification via node and label correlation. Neurocomputing, 2018, 292, 72-81. | 5.9 | 8 |
| 38 | Collective behavior learning by differentiating personal preference from peer influence. Knowledge-Based Systems, 2018, 159, 233-243. | 7.1 | 8 |
| 39 | pDriver: a novel method for unravelling personalized coding and miRNA cancer drivers. Bioinformatics, 2021, 37, 3285-3292. | 4.1 | 8 |
| 40 | Verification of the Capability Exchange Signalling protocol. International Journal on Software Tools for Technology Transfer, 2007, 9, 305-326. | 1.9 | 7 |
| 41 | Uncovering SIP Vulnerabilities to DoS Attacks Using Coloured Petri Nets. , 2011, , . | | 7 |
| 42 | Carbon: Forecasting Civil Unrest Events by Monitoring News and Social Media. Lecture Notes in Computer Science, 2017, , 859-865. | 1.3 | 7 |
| 43 | Uncovering the roles of microRNAs/lncRNAs in characterising breast cancer subtypes and prognosis. BMC Bioinformatics, 2021, 22, 300. | 2.6 | 6 |
| 44 | Utility Aware Clustering for Publishing Transactional Data. Lecture Notes in Computer Science, 2017, , 481-494. | 1.3 | 6 |
| 45 | SensorTree: Bursty Propagation Trees as Sensors for Protest Event Detection. Lecture Notes in Computer Science, 2018, , 281-296. | 1.3 | 5 |
| 46 | Information Propagation Trees forÂProtest Event Prediction. Lecture Notes in Computer Science, 2018, , 777-789. | 1.3 | 5 |
| 47 | Building Diversified Multiple Trees for classification in high dimensional noisy biomedical data. Health Information Science and Systems, 2017, 5, 5. | 5.2 | 4 |
| 48 | ParallelPC: An R Package for Efficient Causal Exploration in Genomic Data. Lecture Notes in Computer Science, 2018, , 207-218. | 1.3 | 4 |
| 49 | 3.2.4 Modelling and Analysis of Internet Multimedia Protocols. Incose International Symposium, 2001, 11, 258-265. | 0.6 | 3 |
| 50 | Obtaining the service language for H.245's multimedia capability exchange signalling protocol: the final step. , 0, , . | | 2 |
| 51 | Symbolic Language Representations for Parametric Verification of the Revised Capability Exchange Signalling Protocol. , 2007, , . | | 2 |
| 52 | Spectral Representation of Protein Sequences. Journal of Computational and Theoretical Nanoscience, 2011, 8, 1335-1339. | 0.4 | 2 |
| 53 | Identifying microRNA targets in epithelial-mesenchymal transition using joint-intervention causal inference. , 2017, , . | | 2 |
| 54 | Guest Editorial: Special Issue on Causal Discovery 2017. International Journal of Data Science and Analytics, 2018, 6, 1-2. | 4.1 | 2 |

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|---|---|---|---|
| 55 | Data-driven discovery of causal interactions. International Journal of Data Science and Analytics, 2019, 8, 285-297. | 4.1 | 2 |
| 56 | Discovering Collective Group Relationships. Lecture Notes in Computer Science, 2014, , 110-121. | 1.3 | 2 |
| 57 | A simple yet effective data integration approach to tree-based microarray data classification. , 2010, 2010, 1503-6. | | 1 |
| 58 | Reducing Parametric Automata: A Multimedia Protocol Service Case Study. Lecture Notes in Computer Science, 2004, , 483-486. | 1.3 | 1 |
| 59 | Estimating the parameters of mixed Bayesian networks from incomplete data. , 1999, , . | | 0 |
| 60 | Guest editorial: special issue on causal discovery. International Journal of Data Science and Analytics, 2017, 3, 79-80. | 4.1 | 0 |
| 61 | 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 |
| 62 | Evaluating and Improving SIP Non-INVITE Transaction to Alleviate the Losing Race Problem. Lecture Notes in Computer Science, 2017, , 57-77. | 1.3 | 0 |
| 63 | Evidence Weighted Tree Ensembles for Text Classification. , 2020, , . | | 0 |