

Xiong Liu

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,046
citations

758635

12
h-index

642321

23
g-index

39
all docs

39
docs citations

39
times ranked

1913
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | TiGER: A database for tissue-specific gene expression and regulation. BMC Bioinformatics, 2008, 9, 271. | 1.2 | 336 |
| 2 | o GNM: online computation of structural dynamics using the Gaussian Network Model. Nucleic Acids Research, 2006, 34, W24-W31. | 6.5 | 140 |
| 3 | iGNM: a database of protein functional motions based on Gaussian Network Model. Bioinformatics, 2005, 21, 2978-2987. | 1.8 | 115 |
| 4 | A predictive location model for location-based services. , 2003, , . | | 59 |
| 5 | Location awareness through trajectory prediction. Computers, Environment and Urban Systems, 2006, 30, 741-756. | 3.3 | 59 |
| 6 | Co-Prescription Trends in a Large Cohort of Subjects Predict Substantial Drug-Drug Interactions. PLoS ONE, 2015, 10, e0118991. | 1.1 | 41 |
| 7 | Predictive modeling of nanomaterial exposure effects in biological systems. International Journal of Nanomedicine, 2013, 8 Suppl 1, 31. | 3.3 | 40 |
| 8 | Applications of artificial intelligence in drug development using real-world data. Drug Discovery Today, 2021, 26, 1256-1264. | 3.2 | 36 |
| 9 | Combining Contextualized Embeddings and Prior Knowledge for Clinical Named Entity Recognition: Evaluation Study. JMIR Medical Informatics, 2019, 7, e14850. | 1.3 | 24 |
| 10 | The relationship between N-gram patterns and protein secondary structure. Proteins: Structure, Function and Bioinformatics, 2007, 68, 830-838. | 1.5 | 18 |
| 11 | Predicting Heart Failure Readmission from Clinical Notes Using Deep Learning. , 2019, , . | | 17 |
| 12 | Subfamily specific conservation profiles for proteins based on n-gram patterns. BMC Bioinformatics, 2008, 9, 72. | 1.2 | 16 |
| 13 | GPSLoc: Framework for Predicting Global Positioning System Quality of Service. Journal of Computing in Civil Engineering, 2004, 18, 196-206. | 2.5 | 14 |
| 14 | USP5 promotes breast cancer cell proliferation and metastasis by stabilizing HIF2 β . Journal of Cellular Physiology, 2022, 237, 2211-2219. | 2.0 | 13 |
| 15 | An agent-based framework for collaborative data mining optimization. , 2010, , . | | 12 |
| 16 | SocialCube: A Text Cube Framework for Analyzing Social Media Data. , 2012, , . | | 11 |
| 17 | The impact of external innovation on new drug approvals: A retrospective analysis. International Journal of Pharmaceutics, 2019, 563, 273-281. | 2.6 | 10 |
| 18 | High-throughput modeling and analysis of protein structural dynamics. Briefings in Bioinformatics, 2007, 8, 432-445. | 3.2 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | NEIMiner: nanomaterial environmental impact data miner. International Journal of Nanomedicine, 2013, 8 Suppl 1, 15. | 3.3 | 8 |
| 20 | A Bayesian gene network reveals insight into the JAK-STAT pathway in systemic lupus erythematosus. PLoS ONE, 2019, 14, e0225651. | 1.1 | 8 |
| 21 | The multifaceted functions of RNA helicases in the adaptive cellular response to hypoxia: From mechanisms to therapeutics. , 2021, 221, 107783. | | 8 |
| 22 | Clinical Trial Information Extraction with BERT. , 2021, , . | | 6 |
| 23 | Information extraction from nanotoxicity related publications. , 2013, , . | | 5 |
| 24 | ABMiner. Advances in Human Factors and Ergonomics Series, 2010, , 639-650. | 0.2 | 5 |
| 25 | Nanoinformatics for biomedicine: emerging approaches and applications. International Journal of Nanomedicine, 2013, 8 Suppl 1, 1. | 3.3 | 4 |
| 26 | A user-centred approach to information visualisation in nano-health. International Journal of Bioinformatics Research and Applications, 2016, 12, 95. | 0.1 | 4 |
| 27 | Predictive modeling of nanomaterial biological effects. , 2012, , . | | 3 |
| 28 | A Qualitative Analysis of Provider Notes of Atopic Dermatitis-Related Visits Using Natural Language Processing Methods. Dermatology and Therapy, 2021, 11, 1305-1318. | 1.4 | 3 |
| 29 | Software agent application to support the patient-at-home. , 2012, , . | | 2 |
| 30 | Protein functional motion query and visualization. , 0, , . | | 1 |
| 31 | NEIMiner: A model driven data mining system for studying environmental impact of nanomaterials. , 2012, , . | | 1 |
| 32 | A user centered approach to developing information visualization module for NEIMiner. , 2013, , . | | 1 |
| 33 | Ontology Matching across Domains. Lecture Notes in Business Information Processing, 2012, , 95-113. | 0.8 | 1 |
| 34 | Attention-Based LSTM Network for COVID-19 Clinical Trial Parsing. , 2020, , . | | 1 |
| 35 | Investigating nanomaterial toxicity bibliography: A network analysis approach. , 2013, , . | | 0 |
| 36 | Nanotoxicity modeling in multidimensional cube. , 2014, , . | | 0 |