

Xia Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

540
citations

623734

14
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

712
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning genetic epistasis using Bayesian network scoring criteria. BMC Bioinformatics, 2011, 12, 89.	2.6	79
2	Using natural language processing and machine learning to identify breast cancer local recurrence. BMC Bioinformatics, 2018, 19, 498.	2.6	60
3	Identifying genetic interactions in genome-wide data using Bayesian networks. Genetic Epidemiology, 2010, 34, 575-581.	1.3	56
4	A Bayesian spatio-temporal method for disease outbreak detection. Journal of the American Medical Informatics Association: JAMIA, 2010, 17, 462-471.	4.4	38
5	Pan-cancer analysis of TCGA data reveals notable signaling pathways. BMC Cancer, 2015, 15, 516.	2.6	33
6	A clinical decision support system learned from data to personalize treatment recommendations towards preventing breast cancer metastasis. PLoS ONE, 2019, 14, e0213292.	2.5	32
7	Bayesian prediction of an epidemic curve. Journal of Biomedical Informatics, 2009, 42, 90-99.	4.3	28
8	A novel artificial neural network method for biomedical prediction based on matrix pseudo-inversion. Journal of Biomedical Informatics, 2014, 48, 114-121.	4.3	27
9	A Bayesian Method for Evaluating and Discovering Disease Loci Associations. PLoS ONE, 2011, 6, e22075.	2.5	27
10	Modeling miRNA-mRNA interactions that cause phenotypic abnormality in breast cancer patients. PLoS ONE, 2017, 12, e0182666.	2.5	27
11	Computational methods for ubiquitination site prediction using physicochemical properties of protein sequences. BMC Bioinformatics, 2016, 17, 116.	2.6	20
12	A fast algorithm for learning epistatic genomic relationships. AMIA ... Annual Symposium proceedings, 2010, 2010, 341-5.	0.2	19
13	Learning Predictive Interactions Using Information Gain and Bayesian Network Scoring. PLoS ONE, 2015, 10, e0143247.	2.5	18
14	A real-time temporal Bayesian architecture for event surveillance and its application to patient-specific multiple disease outbreak detection. Data Mining and Knowledge Discovery, 2010, 20, 328-360.	3.7	14
15	Modeling the Altered Expression Levels of Genes on Signaling Pathways in Tumors as Causal Bayesian Networks. Cancer Informatics, 2014, 13, CIN.S13578.	1.9	14
16	Mining Pure, Strict Epistatic Interactions from High-Dimensional Datasets: Ameliorating the Curse of Dimensionality. PLoS ONE, 2012, 7, e46771.	2.5	14
17	LEAP: Biomarker Inference Through Learning and Evaluating Association Patterns. Genetic Epidemiology, 2015, 39, 173-184.	1.3	11
18	An algorithm for direct causal learning of influences on patient outcomes. Artificial Intelligence in Medicine, 2017, 75, 1-15.	6.5	9

#	ARTICLE	IF	CITATIONS
19	Conjugated equine estrogen and medroxyprogesterone acetate are associated with decreased risk of breast cancer relative to bioidentical hormone therapy and controls. PLoS ONE, 2018, 13, e0197064.	2.5	7
20	Leveraging Bayesian networks and information theory to learn risk factors for breast cancer metastasis. BMC Bioinformatics, 2020, 21, 298.	2.6	4
21	Machine Learning to Discern Interactive Clusters of Risk Factors for Late Recurrence of Metastatic Breast Cancer. Cancers, 2022, 14, 253.	3.7	3