Bowei Xi

List of Publications by Year
in descending order

20 papers	851 citations	687363 13 h-index	839539 18 g-index
22 all docs	22 docs citations	22 times ranked	1286 citing authors

#	Article	IF	Citations
1	Principal component directed partial least squares analysis for combining nuclear magnetic resonance and mass spectrometry data in metabolomics: Application to the detection of breast cancer. Analytica Chimica Acta, 2011, 686, 57-63.	5.4	144
2	Monitoring Diet Effects via Biofluids and Their Implications for Metabolomics Studies. Analytical Chemistry, 2007, 79, 89-97.	6.5	109
3	Statistical Analysis and Modeling of Mass Spectrometry-Based Metabolomics Data. Methods in Molecular Biology, 2014, 1198, 333-353.	0.9	106
4	Large complex data: divide and recombine (D&R) with RHIPE. Stat, 2012, 1, 53-67.	0.4	76
5	^{1}H NMR metabolomics study of age profiling in children. NMR in Biomedicine, 2009, 22, 826-833.	2.8	70
6	Network Tomography: A Review and Recent Developments. , 2006, , 345-366.		60
7	Classifier evaluation and attribute selection against active adversaries. Data Mining and Knowledge Discovery, 2011, 22, 291-335.	3.7	58
8	Triple Negative Breast Cancer Detection Using LC–MS/MS Lipidomic Profiling. Journal of Proteome Research, 2020, 19, 2367-2378.	3.7	45
9	Estimating Network Loss Rates Using Active Tomography. Journal of the American Statistical Association, 2006, 101, 1430-1448.	3.1	35
10	A survey of game theoretic approach for adversarial machine learning. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2019, 9, e1259.	6.8	26
11	Comprehensive Isotopic Targeted Mass Spectrometry: Reliable Metabolic Flux Analysis with Broad Coverage. Analytical Chemistry, 2020, 92, 11728-11738.	6.5	24
12	Daily red wine vinegar ingestion for eight weeks improves glucose homeostasis and affects the metabolome but does not reduce adiposity in adults. Food and Function, 2019, 10, 7343-7355.	4.6	22
13	Adversarial machine learning for cybersecurity and computer vision: Current developments and challenges. Wiley Interdisciplinary Reviews: Computational Statistics, 2020, 12, e1511.	3.9	16
14	Disease gene prediction with privileged information and heteroscedastic dropout. Bioinformatics, 2021, 37, i410-i417.	4.1	14
15	Statistical Aspects of the Analysis of Data Networks. Technometrics, 2007, 49, 318-334.	1.9	13
16	Statistical analysis and modeling of Internet VoIP traffic for network engineering. Electronic Journal of Statistics, 2010, 4, .	0.7	13
17	Trellis display for modeling data from designed experiments. Statistical Analysis and Data Mining, 2011, 4, 133-145.	2.8	6
18	Multifractal and Gaussian fractional sum–difference models for Internet traffic. Performance Evaluation, 2017, 107, 1-33.	1.2	5

#	Article	IF	Citations
19	Fast local polynomial regression approach for speckle noise removal. , 2016, , .		1
20	Spatial counts under differential privacy mechanism on changing spatial scales. Computers and Security, 2018, 77, 642-652.	6.0	1