Ruoqing Zhu

List of Publications by Year
in descending order

25 papers	**630** citations	687363 **13** h-index	677142 **22** g-index
26 all docs	**26** docs citations	**26** times ranked	**841** citing authors

#	Article	IF	Citations
1	Efficient gradient boosting for prognostic biomarker discovery. Bioinformatics, 2022, 38, 1631-1638.	4.1	13
2	Dimension Reduction Forests: Local Variable Importance Using Structured Random Forests. Journal of Computational and Graphical Statistics, 2022, 31, 1104-1113.	1.7	1
3	Fecal Bacteria as Biomarkers for Predicting Food Intake in Healthy Adults. Journal of Nutrition, 2021, 151, 423-433.	2.9	26
4	Topic Modeling on Triage Notes With Semiorthogonal Nonnegative Matrix Factorization. Journal of the American Statistical Association, 2021, 116, 1609-1624.	3.1	5
5	Diagnostic and prognostic capabilities of a biomarker and EMRâ€based machine learning algorithm for sepsis. Clinical and Translational Science, 2021, 14, 1578-1589.	3.1	12
6	A parsimonious personalized dose-finding model via dimension reduction. Biometrika, 2021, 108, 643-659.	2.4	2
7	Lung epithelial and endothelial damage, loss of tissue repair, inhibition of fibrinolysis, and cellular senescence in fatal COVID-19. Science Translational Medicine, 2021, 13, eabj7790.	12.4	133
8	Risk assessment of latent tuberculosis infection through a multiplexed cytokine biosensor assay and machine learning feature selection. Scientific Reports, 2021, 11, 20544.	3.3	20
9	Nonparametric variable selection and its application to additive models. Annals of the Institute of Statistical Mathematics, 2020, 72, 827-854.	0.8	1
10	Assessment of peritoneal microbial features and tumor marker levels as potential diagnostic tools for ovarian cancer. PLoS ONE, 2020, 15, e0227707.	2.5	28
11	Constructing dynamic treatment regimes with shared parameters for censored data. Statistics in Medicine, 2020, 39, 1250-1263.	1.6	7
12	Differential Effects of Influenza Virus NA, HA Head, and HA Stalk Antibodies on Peripheral Blood Leukocyte Gene Expression during Human Infection. MBio, 2019, 10, .	4.1	8
13	Counting process-based dimension reduction methods for censored outcomes. Biometrika, 2019, 106, 181-196.	2.4	6
14	Bagging and Deep Learning in Optimal Individualized Treatment Rules. Biometrics, 2019, 75, 674-684.	1.4	22
15	GradientScanSurvâ€"An exhaustive association test method for gene expression data with censored survival outcome. PLoS ONE, 2018, 13, e0207590.	2.5	2
16	Combining Biomarkers with EMR Data to Identify Patients in Different Phases of Sepsis. Scientific Reports, 2017, 7, 10800.	3.3	59
17	Greedy Outcome Weighted Tree Learning of Optimal Personalized Treatment Rules. Biometrics, 2017, 73, 391-400.	1.4	33
18	Tree based weighted learning for estimating individualized treatment rules with censored data. Electronic Journal of Statistics, 2017, 11, 3927-3953.	0.7	28

#	Article	IF	Citations
19	Increasing Access to State Psychiatric Hospital Beds: Exploring Supply-Side Solutions. Psychiatric Services, 2016, 67, 523-528.	2.0	23
20	Integrating multidimensional omics data for cancer outcome. Biostatistics, 2016, 17, 605-618.	1.5	32
21	Reinforcement Learning Trees. Journal of the American Statistical Association, 2015, 110, 1770-1784.	3.1	105
22	Identifying Gene–Environment and Gene–Gene Interactions Using a Progressive Penalization Approach. Genetic Epidemiology, 2014, 38, 353-368.	1.3	16
23	Recursively Imputed Survival Trees. Journal of the American Statistical Association, 2012, 107, 331-340.	3.1	45
24	Estimating Heterogeneous Treatment Effect on Multivariate Responses Using Random Forests. Statistics in Biosciences, 0, , 1.	1.2	1
25	Dermoscopic Image Classification with Neural Style Transfer. Journal of Computational and Graphical Statistics, 0, , 1-30.	1.7	2