Ruoqing Zhu

List of Publications by Year
in descending order

25	630	687363 13	677142 22
papers	citations	h-index	g-index

26	26	26	841
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Reinforcement Learning Trees. Journal of the American Statistical Association, 2015, 110, 1770-1784.	3.1	105
3	Combining Biomarkers with EMR Data to Identify Patients in Different Phases of Sepsis. Scientific Reports, 2017, 7, 10800.	3.3	59
4	Recursively Imputed Survival Trees. Journal of the American Statistical Association, 2012, 107, 331-340.	3.1	45
5	Greedy Outcome Weighted Tree Learning of Optimal Personalized Treatment Rules. Biometrics, 2017, 73, 391-400.	1.4	33
6	Integrating multidimensional omics data for cancer outcome. Biostatistics, 2016, 17, 605-618.	1.5	32
7	Tree based weighted learning for estimating individualized treatment rules with censored data. Electronic Journal of Statistics, 2017, 11, 3927-3953.	0.7	28
8	Assessment of peritoneal microbial features and tumor marker levels as potential diagnostic tools for ovarian cancer. PLoS ONE, 2020, 15, e0227707.	2.5	28
9	Fecal Bacteria as Biomarkers for Predicting Food Intake in Healthy Adults. Journal of Nutrition, 2021, 151, 423-433.	2.9	26
10	Increasing Access to State Psychiatric Hospital Beds: Exploring Supply-Side Solutions. Psychiatric Services, 2016, 67, 523-528.	2.0	23
11	Bagging and Deep Learning in Optimal Individualized Treatment Rules. Biometrics, 2019, 75, 674-684.	1.4	22
12	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
13	Identifying Geneâ€“Environment and Geneâ€“Gene Interactions Using a Progressive Penalization Approach. Genetic Epidemiology, 2014, 38, 353-368.	1.3	16
14	Efficient gradient boosting for prognostic biomarker discovery. Bioinformatics, 2022, 38, 1631-1638.	4.1	13
15	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
16	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
17	Constructing dynamic treatment regimes with shared parameters for censored data. Statistics in Medicine, 2020, 39, 1250-1263.	1.6	7
18	Counting process-based dimension reduction methods for censored outcomes. Biometrika, 2019, 106, 181-196.	2.4	6

#	Article	IF	Citations
19	Topic Modeling on Triage Notes With Semiorthogonal Nonnegative Matrix Factorization. Journal of the American Statistical Association, 2021, 116, 1609-1624.	3.1	5
20	GradientScanSurvâ€"An exhaustive association test method for gene expression data with censored survival outcome. PLoS ONE, 2018, 13, e0207590.	2.5	2
21	A parsimonious personalized dose-finding model via dimension reduction. Biometrika, 2021, 108, 643-659.	2.4	2
22	Dermoscopic Image Classification with Neural Style Transfer. Journal of Computational and Graphical Statistics, 0, , 1-30.	1.7	2
23	Nonparametric variable selection and its application to additive models. Annals of the Institute of Statistical Mathematics, 2020, 72, 827-854.	0.8	1
24	Estimating Heterogeneous Treatment Effect on Multivariate Responses Using Random Forests. Statistics in Biosciences, 0, , 1.	1.2	1
25	Dimension Reduction Forests: Local Variable Importance Using Structured Random Forests. Journal of Computational and Graphical Statistics, 2022, 31, 1104-1113.	1.7	1