Yuanjia Wang

List of Publications by Year
in descending order

105 papers	2,700 citations	346980 22 h-index	242451 47 g-index
109 all docs	109 docs citations	109 times ranked	4611 citing authors

#	Article	IF	Citations
1	A General Framework of Nonparametric Feature Selection in High-Dimensional Data. Biometrics, 2023, 79, 951-963.	0.8	2
2	Semiparametric regression analysis of bivariate censored events in a family study of Alzheimer's disease. Biostatistics, 2022, 24, 32-51.	0.9	1
3	Conditional Gaussian graphical model for estimating personalized disease symptom networks. Statistics in Medicine, 2022, 41, 543-553.	0.8	1
4	Optimizing relapse prevention and changing habits (<scp>REACH</scp>+) in anorexia nervosa. International Journal of Eating Disorders, 2022, 55, 851-857.	2.1	5
5	Self-matched learning to construct treatment decision rules from electronic health records. Statistics in Medicine, 2022, , .	0.8	0
6	Evaluating effectiveness of public health intervention strategies for mitigating COVID-19 pandemic. Statistics in Medicine, 2022, 41, 3820-3836.	0.8	4
7	Modelling temporal biomarkers with semiparametric nonlinear dynamical systems. Biometrika, 2021, 108, 199-214.	1.3	5
8	Learning Individualized Treatment Rules for Multiple-Domain Latent Outcomes. Journal of the American Statistical Association, 2021, 116, 269-282.	1.8	4
9	Learning latent heterogeneity for type 2 diabetes patients using longitudinal health markers in electronic health records. Statistics in Medicine, 2021, 40, 1930-1946.	0.8	1
10	Integrative network learning for multimodality biomarker data. Annals of Applied Statistics, 2021, 15, 64-87.	0.5	1
11	Crowdsourcing digital health measures to predict Parkinson's disease severity: the Parkinson's Disease Digital Biomarker DREAM Challenge. Npj Digital Medicine, 2021, 4, 53.	5.7	24
12	Maximizing remission from cognitive-behavioral therapy in medicated adults with obsessive-compulsive disorder. Behaviour Research and Therapy, 2021, 143, 103890.	1.6	11
13	Impulsivity in cocaine users compared to matched controls: Effects of sex and preferred route of cocaine use. Drug and Alcohol Dependence, 2021, 226, 108840.	1.6	6
14	Age of Onset of Huntington's Disease in Carriers of Reduced Penetrance Alleles. Movement Disorders, 2021, 36, 2958-2961.	2.2	4
15	Time Course of Relapse Following Acute Treatment for Anorexia Nervosa. American Journal of Psychiatry, 2021, 178, 848-853.	4.0	23
16	Estimating disease onset from change points of markers measured with error. Biostatistics, 2021, 22, 819-835.	0.9	2
17	Constructing disease onset signatures using multi-dimensional network-structured biomarkers. Biostatistics, 2020, 21, 122-138.	0.9	0
18	Matched Learning for Optimizing Individualized Treatment Strategies Using Electronic Health Records. Journal of the American Statistical Association, 2020, 115, 380-392.	1.8	10

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19	Identifying disease‐associated biomarker network features through conditional graphical model. Biometrics, 2020, 76, 995-1006.	0.8	6
20	Association of Delirium With Long-term Cognitive Decline. JAMA Neurology, 2020, 77, 1373.	4.5	226
21	Predictors of illness course and health maintenance following inpatient treatment among patients with anorexia nervosa. Journal of Eating Disorders, 2020, 8, 69.	1.3	31
22	Survival-Convolution Models for Predicting COVID-19 Cases and Assessing Effects of Mitigation Strategies. Frontiers in Public Health, 2020, 8, 325.	1.3	16
23	Synthesizing independent stagewise trials for optimal dynamic treatment regimes. Statistics in Medicine, 2020, 39, 4107-4119.	0.8	0
24	On using electronic health records to improve optimal treatment rules in randomized trials. Biometrics, 2020, 76, 1075-1086.	0.8	2
25	The impact of emotion awareness and regulation on psychotic symptoms during daily functioning. NPJ Schizophrenia, 2020, 6, 7.	2.0	32
26	Sparse nonparametric regression with regularized tensor product kernel. Stat, 2020, 9, .	0.3	0
27	Time-varying Hazards Model for Incorporating Irregularly Measured, High-Dimensional Biomarkers. Statistica Sinica, 2020, 30, 1605-1632.	0.2	0
28	Statistical Learning Methods for Optimizing Dynamic Treatment Regimes in Subgroup Identification. Emerging Topics in Statistics and Biostatistics, 2020, , 271-297.	0.1	1
29	Time-varying proportional odds model for mega-analysis of clustered event times. Biostatistics, 2019, 20, 129-146.	0.9	7
30	Leveraging Nonlinear Dynamic Models to Predict Progression of Neuroimaging Biomarkers. Biometrics, 2019, 75, 1240-1252.	0.8	0
31	Olanzapine Versus Placebo in Adult Outpatients With Anorexia Nervosa: A Randomized Clinical Trial. American Journal of Psychiatry, 2019, 176, 449-456.	4.0	116
32	Integrating multiple‐domain rules for disease classification. Statistics in Medicine, 2019, 38, 3091-3104.	0.8	0
33	Composite interaction tree for simultaneous learning of optimal individualized treatment rules and subgroups. Statistics in Medicine, 2019, 38, 2632-2651.	0.8	6
34	Learning Personalized Treatment Rules from Electronic Health Records Using Topic Modeling Feature Extraction. , 2019, 2019, 392-402.		1
35	Inflammatory biomarkers in psychosis and clinical high risk populations. Schizophrenia Research, 2019, 206, 440-443.	1.1	30
36	Assessment of test-retest reliability of a food choice task among healthy individuals. Appetite, 2018, 123, 352-356.	1.8	22

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37	Learning Optimal Personalized Treatment Rules in Consideration of Benefit and Risk: With an Application to Treating Type 2 Diabetes Patients With Insulin Therapies. Journal of the American Statistical Association, 2018, 113, 1-13.	1.8	66
38	Meta-analysis of mismatch negativity to simple versus complex deviants in schizophrenia. Schizophrenia Research, 2018, 191, 25-34.	1.1	64
39	Efficient ℓ_0-norm feature selection based on augmented and penalized minimization. Statistics in Medicine, 2018, 37, 473-486.	0.8	24
40	Estimation and Evaluation of Linear Individualized Treatment Rules to Guarantee Performance. Biometrics, 2018, 74, 517-528.	0.8	11
41	Outcome-Weighted Learning for Personalized Medicine with Multiple Treatment Options. , 2018, 2018, 565-574.		5
42	Learning Subject-Specific Directed Acyclic Graphs With Mixed Effects Structural Equation Models From Observational Data. Frontiers in Genetics, 2018, 9, 430.	1.1	2
43	Nonlinear model with random inflection points for modeling neurodegenerative disease progression. Statistics in Medicine, 2018, 37, 4721-4742.	0.8	3
44	Augmented outcome-weighted learning for estimating optimal dynamic treatment regimens. Statistics in Medicine, 2018, 37, 3776-3788.	0.8	41
45	Treatment of Complicated Grief in Survivors of Suicide Loss. Journal of Clinical Psychiatry, 2018, 79, 17m11592.	1.1	24
46	Penalized Nonlinear Mixed Effects Model to Identify Biomarkers That Predict Disease Progression. Biometrics, 2017, 73, 1343-1354.	0.8	5
47	Performance and psychometric properties of the Interpersonal Support Evaluation List (ISEL) in older adults with Complicated Grief. Journal of Affective Disorders, 2017, 218, 388-393.	2.0	5
48	Cognitive training to improve memory in individuals undergoing electroconvulsive therapy: Negative findings. Journal of Psychiatric Research, 2017, 92, 8-14.	1.5	11
49	Estimating personalized diagnostic rules depending on individualized characteristics. Statistics in Medicine, 2017, 36, 1099-1117.	0.8	5
50	Complicated grief after suicide bereavement and other causes of death. Death Studies, 2017, 41, 267-275.	1.8	55
51	Examination of factor structure of the inventory of complicated grief (ICG) in a sample of bereaved military family members with persistent and elevated grief. International Journal of Methods in Psychiatric Research, 2017, 26, .	1.1	9
52	Penetrance estimate of *LRRK2* p.G2019S mutation in individuals of non-Ashkenazi Jewish ancestry. Movement Disorders, 2017, 32, 1432-1438.	2.2	126
53	Estimation of genetic risk function with covariates in the presence of missing genotypes. Statistics in Medicine, 2017, 36, 3533-3546.	0.8	3
54	Sequential Multiple Assignment Randomization Trials with Enrichment Design. Biometrics, 2017, 73, 378-390.	0.8	9

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55	Measuring Maladaptive Cognitions in Complicated Grief: Introducing the Typical Beliefs Questionnaire. American Journal of Geriatric Psychiatry, 2017, 25, 541-550.	0.6	24
56	Statistical modeling of Huntington disease onset. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2017, 144, 47-61.	1.0	5
57	Variable selection and prediction with incomplete high-dimensional data. Annals of Applied Statistics, 2016, 10, 418-450.	0.5	36
58	The reinforcing effect of exercise in anorexia nervosa: Clinical correlates and relationship to outcome. Eating Disorders, 2016, 24, 412-423.	1.9	8
59	Yearning and Its Measurement in Complicated Grief. Journal of Loss and Trauma, 2016, 21, 410-420.	0.9	19
60	Physical activity and postâ€treatment weight trajectory in anorexia nervosa. International Journal of Eating Disorders, 2016, 49, 482-489.	2.1	25
61	Optimizing Treatment of Complicated Grief. JAMA Psychiatry, 2016, 73, 685.	6.0	222
62	Support Vector Hazards Machine: A Counting Process Framework for Learning Risk Scores for Censored Outcomes. Journal of Machine Learning Research, 2016, 17, .	62.4	1
63	Fused kernel-spline smoothing for repeatedly measured outcomes in a generalized partially linear model with functional single index. Annals of Statistics, 2015, 43, 1929-1958.	1.4	3
64	Predicting cumulative risk of disease onset by redistributing weights. Statistics in Medicine, 2015, 34, 2427-2443.	0.8	1
65	Multiple Kernel Learning with Random Effects for Predicting Longitudinal Outcomes and Data Integration. Biometrics, 2015, 71, 918-928.	0.8	12
66	Abnormal eating behavior in video-recorded meals in anorexia nervosa. Eating Behaviors, 2015, 19, 28-32.	1.1	28
67	Age-specific penetrance of <i>LRRK2</i> G2019S in the Michael J. Fox Ashkenazi Jewish LRRK2 Consortium. Neurology, 2015, 85, 89-95.	1.5	130
68	Implementing Coordinated Specialty Care for Early Psychosis: The RAISE Connection Program. Psychiatric Services, 2015, 66, 691-698.	1.1	140
69	Efficient estimation of nonparametric genetic risk function with censored data. Biometrika, 2015, 102, 515-532.	1.3	5
70	Grief-related panic symptoms in Complicated Grief. Journal of Affective Disorders, 2015, 170, 213-216.	2.0	10
71	A note on a nonparametric regression test through penalized splines. Statistica Sinica, 2014, 24, 1143-1160.	0.2	0
72	Nonparametric modeling and analysis of association between Huntington's disease onset and CAG repeats. Statistics in Medicine, 2014, 33, 1369-1382.	0.8	2

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73	Treatment of Complicated Grief in Elderly Persons. JAMA Psychiatry, 2014, 71, 1287.	6.0	206
74	Estimating disease onset distribution functions in mutation carriers with censored mixture data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2014, 63, 1-23.	0.5	6
75	Targeted Local Support Vector Machine for Age-Dependent Classification. Journal of the American Statistical Association, 2014, 109, 1174-1187.	1.8	4
76	Use of mobile assessment technologies in inpatient psychiatric settings. Asian Journal of Psychiatry, 2014, 10, 90-95.	0.9	29
77	Combining isotonic regression and EM algorithm to predict genetic risk under monotonicity constraint. Annals of Applied Statistics, 2014, 8, 1182-1208.	0.5	19
78	Use of personalized Dynamic Treatment Regimes (DTRs) and Sequential Multiple Assignment Randomized Trials (SMARTs) in mental health studies. Shanghai Archives of Psychiatry, 2014, 26, 376-83.	0.7	3
79	Auxiliary Marker-Assisted Classification in the Absence of Class Identifiers. Journal of the American Statistical Association, 2013, 108, 553-565.	1.8	5
80	A Marginal Approach to Reduced-Rank Penalized Spline Smoothing With Application to Multilevel Functional Data. Journal of the American Statistical Association, 2013, 108, 1216-1229.	1.8	12
81	Nonparametric Estimation for Censored Mixture Data With Application to the Cooperative Huntington's Observational Research Trial. Journal of the American Statistical Association, 2012, 107, 1324-1338.	1.8	17
82	Predicting Disease Onset from Mutation Status Using Proband and Relative Data with Applications to Huntington's Disease. Journal of Probability and Statistics, 2012, 2012, 1-19.	0.3	9
83	Methods for Analyzing Multivariate Phenotypes in Genetic Association Studies. Journal of Probability and Statistics, 2012, 2012, 1-13.	0.3	90
84	Efficient distribution estimation for data with unobserved sub-population identifiers. Electronic Journal of Statistics, 2012, 6, 710-737.	0.4	9
85	Longitudinal Association Analysis of Quantitative Traits. Genetic Epidemiology, 2012, 36, 856-869.	0.6	21
86	On Testing an Unspecified Function Through a Linear Mixed Effects Model with Multiple Variance Components. Biometrics, 2012, 68, 1113-1125.	0.8	10
87	Semiparametric variance components models for genetic studies with longitudinal phenotypes. Biostatistics, 2012, 13, 482-496.	0.9	2
88	Flexible Semiparametric Analysis of Longitudinal Genetic Studies by Reduced Rank Smoothing. Journal of the Royal Statistical Society Series C: Applied Statistics, 2012, 61, 1-24.	0.5	16
89	Joint Rare Variant Association Test of the Average and Individual Effects for Sequencing Studies. PLoS ONE, 2012, 7, e32485.	1.1	9
90	Heterogeneity of treatment effects. Shanghai Archives of Psychiatry, 2012, 24, 50-1.	0.7	1

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91	Patient adherence predicts outcome from cognitive behavioral therapy in obsessive-compulsive disorder.. Journal of Consulting and Clinical Psychology, 2011, 79, 247-252.	1.6	176
92	Unbiased and Locally Efficient Estimation of Genetic Effect on Quantitative Trait in the Presence of Population Admixture. Biometrics, 2011, 67, 331-343.	0.8	2
93	A Penalized Spline Approach to Functional Mixed Effects Model Analysis. Biometrics, 2011, 67, 861-870.	0.8	53
94	Prediction-Based Structured Variable Selection through the Receiver Operating Characteristic Curves. Biometrics, 2011, 67, 896-905.	0.8	16
95	Flexible estimation of covariance function by penalized spline with application to longitudinal family data. Statistics in Medicine, 2011, 30, 1883-1897.	0.8	4
96	Assessment of a disease screener by hierarchical all€subset selection using area under the receiver operating characteristic curves. Statistics in Medicine, 2011, 30, 1751-1760.	0.8	0
97	Efficient Nonparametric Estimation from Kin€"Cohort Data. Communications in Statistics - Theory and Methods, 2010, 39, 3622-3634.	0.6	0
98	Analysis of genome-wide association data by large-scale Bayesian logistic regression. BMC Proceedings, 2009, 3, S16.	1.8	6
99	Testing for familial aggregation of functional traits. Statistics in Medicine, 2009, 28, 3611-3625.	0.8	8
100	Risk of Parkinson Disease in Carriers of Parkin Mutations. Archives of Neurology, 2008, 65, 467.	4.9	55
101	A Ridge Penalized Principal-Components Approach Based on Heritability for High-Dimensional Data. Human Heredity, 2007, 64, 182-191.	0.4	20
102	Clustering and principal-components approach based on heritability for mapping multiple gene expressions. BMC Proceedings, 2007, 1, S121.	1.8	7
103	Transcription activity hot spot, is it real or an artifact?. BMC Proceedings, 2007, 1, S94.	1.8	12
104	Multivariate analysis of complex gene expression and clinical phenotypes with genetic marker data. Genetic Epidemiology, 2007, 31, S103-S109.	0.6	17
105	A Method for Estimating Penetrance from Families Sampled for Linkage Analysis. Biometrics, 2006, 62, 1081-1088.	0.8	10