

Donglin Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,038
citations

394286

19
h-index

265120

42
g-index

67
all docs

67
docs citations

67
times ranked

1970
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating Individualized Treatment Rules Using Outcome Weighted Learning. Journal of the American Statistical Association, 2012, 107, 1106-1118.	1.8	472
2	Effectiveness of Covid-19 Vaccines over a 9-Month Period in North Carolina. New England Journal of Medicine, 2022, 386, 933-941.	13.9	238
3	New Statistical Learning Methods for Estimating Optimal Dynamic Treatment Regimes. Journal of the American Statistical Association, 2015, 110, 583-598.	1.8	171
4	Penalized Estimating Functions and Variable Selection in Semiparametric Regression Models. Journal of the American Statistical Association, 2008, 103, 672-680.	1.8	133
5	Maximum likelihood estimation for semiparametric transformation models with interval-censored data. Biometrika, 2016, 103, 253-271.	1.3	109
6	Efficient Estimation for the Accelerated Failure Time Model. Journal of the American Statistical Association, 2007, 102, 1387-1396.	1.8	105
7	The AURORA Study: a longitudinal, multimodal library of brain biology and function after traumatic stress exposure. Molecular Psychiatry, 2020, 25, 283-296.	4.1	92
8	Semiparametric Transformation Models with Random Effects for Joint Analysis of Recurrent and Terminal Events. Biometrics, 2009, 65, 746-752.	0.8	75
9	Novel Metabolic Markers for the Risk of Diabetes Development in American Indians. Diabetes Care, 2015, 38, 220-227.	4.3	62
10	Power Calculation for Case-Cohort Studies with Nonrare Events. Biometrics, 2007, 63, 1288-1295.	0.8	43
11	Augmented outcome-weighted learning for estimating optimal dynamic treatment regimens. Statistics in Medicine, 2018, 37, 3776-3788.	0.8	41
12	<i>APOE</i> alleles' association with cognitive function differs across Hispanic/Latino groups and genetic ancestry in the study of Latinos' investigation of neurocognitive aging (HCHS/SOL). Alzheimer's and Dementia, 2021, 17, 466-474.	0.4	33
13	Prognostic neuroimaging biomarkers of trauma-related psychopathology: resting-state fMRI shortly after trauma predicts future PTSD and depression symptoms in the AURORA study. Neuropsychopharmacology, 2021, 46, 1263-1271.	2.8	32
14	Intralesional Triamcinolone May Not Be Beneficial for Treating Acute Hidradenitis Suppurativa Lesions: A Double-Blind, Randomized, Placebo-Controlled Trial. Dermatologic Surgery, 2020, 46, 685-689.	0.4	26
15	Impact of a Rapid Microarray-Based Assay for Identification of Positive Blood Cultures for Treatment Optimization for Patients with Streptococcal and Enterococcal Bacteremia. Journal of Clinical Microbiology, 2015, 53, 1411-1414.	1.8	25
16	Efficient $L_{1,2}$ -norm feature selection based on augmented and penalized minimization. Statistics in Medicine, 2018, 37, 473-486.	0.8	24
17	Diabetes, Cognitive Decline, and Mild Cognitive Impairment Among Diverse Hispanics/Latinos: Study of Latinos' Investigation of Neurocognitive Aging Results (HCHS/SOL). Diabetes Care, 2020, 43, 1111-1117.	4.3	24
18	Prior sleep problems and adverse post-traumatic neuropsychiatric sequelae of motor vehicle collision in the AURORA study. Sleep, 2021, 44, .	0.6	23

#	ARTICLE	IF	CITATIONS
19	Development and Validation of a Model to Predict Posttraumatic Stress Disorder and Major Depression After a Motor Vehicle Collision. <i>JAMA Psychiatry</i> , 2021, 78, 1228.	6.0	23
20	Semiparametric Estimation of the Accelerated Failure Time Model with Partly Interval-Censored Data. <i>Biometrics</i> , 2017, 73, 1161-1168.	0.8	22
21	Efficient Semiparametric Estimation of Short-Term and Long-Term Hazard Ratios with Right-Censored Data. <i>Biometrics</i> , 2013, 69, 840-849.	0.8	18
22	Survival-Convolution Models for Predicting COVID-19 Cases and Assessing Effects of Mitigation Strategies. <i>Frontiers in Public Health</i> , 2020, 8, 325.	1.3	16
23	Socio-demographic and trauma-related predictors of depression within eight weeks of motor vehicle collision in the AURORA study. <i>Psychological Medicine</i> , 2022, 52, 1934-1947.	2.7	15
24	Improving Trial Generalizability Using Observational Studies. <i>Biometrics</i> , 2023, 79, 1213-1225.	0.8	15
25	Socio-demographic and trauma-related predictors of PTSD within 8 weeks of a motor vehicle collision in the AURORA study. <i>Molecular Psychiatry</i> , 2021, 26, 3108-3121.	4.1	14
26	Psychosocial Factors Associated with Cognitive Function Among Middle-Aged and Older Hispanics/Latinos: The Hispanic Community Health Study/Study of Latinos and its Sociocultural Ancillary Study. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 433-449.	1.2	13
27	Thalamic volume and fear extinction interact to predict acute posttraumatic stress severity. <i>Journal of Psychiatric Research</i> , 2021, 141, 325-332.	1.5	12
28	Estimation and Evaluation of Linear Individualized Treatment Rules to Guarantee Performance. <i>Biometrics</i> , 2018, 74, 517-528.	0.8	11
29	Subjective cognitive decline and objective cognition among diverse U.S. Hispanics/Latinos: Results from the Study of Latinos—Investigation of Neurocognitive Aging (SOL—INCA). <i>Alzheimer's and Dementia</i> , 2022, 18, 43-52.	0.4	11
30	Matched Learning for Optimizing Individualized Treatment Strategies Using Electronic Health Records. <i>Journal of the American Statistical Association</i> , 2020, 115, 380-392.	1.8	10
31	A prospective examination of sex differences in posttraumatic autonomic functioning. <i>Neurobiology of Stress</i> , 2021, 15, 100384.	1.9	10
32	Multivariate Recurrent Events in the Presence of Multivariate Informative Censoring with Applications to Bleeding and Transfusion Events in Myelodysplastic Syndrome. <i>Journal of Biopharmaceutical Statistics</i> , 2014, 24, 429-442.	0.4	9
33	Genome-wide association study of cognitive function in diverse Hispanics/Latinos: results from the Hispanic Community Health Study/Study of Latinos. <i>Translational Psychiatry</i> , 2020, 10, 245.	2.4	9
34	Prediction of Body Mass Index Using Concurrently Self-Reported or Previously Measured Height and Weight. <i>PLoS ONE</i> , 2016, 11, e0167288.	1.1	8
35	Analysis of Multiple Survival Events in Generalized Case-Cohort Designs. <i>Biometrics</i> , 2018, 74, 1250-1260.	0.8	8
36	Semiparametric Regression Analysis of Interval-Censored Data with Informative Dropout. <i>Biometrics</i> , 2018, 74, 1213-1222.	0.8	6

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37	Identifying disease-associated biomarker network features through conditional graphical model. <i>Biometrics</i> , 2020, 76, 995-1006.	0.8	6
38	Neurocognition after motor vehicle collision and adverse post-traumatic neuropsychiatric sequelae within 8 weeks: Initial findings from the AURORA study. <i>Journal of Affective Disorders</i> , 2022, 298, 57-67.	2.0	6
39	Outcome-Weighted Learning for Personalized Medicine with Multiple Treatment Options. , 2018, 2018, 565-574.		5
40	Partitioning around medoids clustering and random forest classification for GIS-informed imputation of fluoride concentration data. <i>Annals of Applied Statistics</i> , 2022, 16, 551-572.	0.5	5
41	Targeting physical activity interventions for adults: When should intervention occur?. <i>Preventive Medicine</i> , 2017, 97, 13-18.	1.6	4
42	Gumbel regression models for a monotone increasing continuous biomarker subject to measurement error. <i>Journal of Statistical Planning and Inference</i> , 2019, 203, 160-168.	0.4	4
43	Learning Individualized Treatment Rules for Multiple-Domain Latent Outcomes. <i>Journal of the American Statistical Association</i> , 2021, 116, 269-282.	1.8	4
44	Evaluating effectiveness of public health intervention strategies for mitigating COVID-19 pandemic. <i>Statistics in Medicine</i> , 2022, 41, 3820-3836.	0.8	4
45	Modeling event count data in the presence of informative dropout with application to bleeding and transfusion events in myelodysplastic syndrome. <i>Statistics in Medicine</i> , 2017, 36, 3475-3494.	0.8	3
46	Efficient Methods for Signal Detection From Correlated Adverse Events in Clinical Trials. <i>Biometrics</i> , 2019, 75, 1000-1008.	0.8	3
47	APOE alleles' association with neurocognitive function differ across Hispanic background groups. <i>Alzheimer's and Dementia</i> , 2020, 16, e044169.	0.4	3
48	A doubly robust method to handle missing multilevel outcome data with application to the China Health and Nutrition Survey. <i>Statistics in Medicine</i> , 2022, 41, 769-785.	0.8	3
49	Prior histories of posttraumatic stress disorder and major depression and their onset and course in the three months after a motor vehicle collision in the AURORA study. <i>Depression and Anxiety</i> , 2021, , .	2.0	3
50	Semiparametric Frailty Models for Zero-Inflated Event Count Data in the Presence of Informative Dropout. <i>Biometrics</i> , 2019, 75, 1168-1178.	0.8	2
51	Reflector Localization of Breast Lesions and Parameters Associated with Positive Surgical Margins in Women Undergoing Breast Conservation Surgery. <i>Journal of Breast Imaging</i> , 2020, 2, 462-470.	0.5	2
52	On using electronic health records to improve optimal treatment rules in randomized trials. <i>Biometrics</i> , 2020, 76, 1075-1086.	0.8	2
53	Testing measurement equivalence of neurocognitive assessments across language in the Hispanic Community Health Study/Study of Latinos.. <i>Neuropsychology</i> , 2021, 35, 423-433.	1.0	2
54	Leisure-time physical activity volume, intensity, and duration from mid- to late-life in U.S. subpopulations by race and sex. <i>The Atherosclerosis Risk In Communities (ARIC) Study. Aging</i> , 2020, 12, 4592-4602.	1.4	2

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55	A General Framework of Nonparametric Feature Selection in High-Dimensional Data. <i>Biometrics</i> , 2023, 79, 951-963.	0.8	2
56	Design and analysis of bridging studies with prior probabilities on the null and alternative hypotheses. <i>Biometrics</i> , 2020, 76, 224-234.	0.8	1
57	Diabetes, cognitive decline and mild cognitive impairment among diverse Hispanics/Latinos: Hispanic Community Health Study/Study of Latinos (HCHS/SOL) investigation of cognitive aging results. <i>Alzheimer's and Dementia</i> , 2020, 16, e044601.	0.4	1
58	Integrative network learning for multimodality biomarker data. <i>Annals of Applied Statistics</i> , 2021, 15, 64-87.	0.5	1
59	Bayesian inference and dynamic prediction of multivariate joint model with functional data: An application to Alzheimer's disease. <i>Statistics in Medicine</i> , 2021, 40, 6855.	0.8	1
60	Statistical Learning Methods for Optimizing Dynamic Treatment Regimes in Subgroup Identification. <i>Emerging Topics in Statistics and Biostatistics</i> , 2020, , 271-297.	0.1	1
61	Leveraging Nonlinear Dynamic Models to Predict Progression of Neuroimaging Biomarkers. <i>Biometrics</i> , 2019, 75, 1240-1252.	0.8	0
62	Daily functioning and cognition: Results from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL) and Study of Latinos' Investigation of Neurocognitive Aging (SOL/NCA). <i>Alzheimer's and Dementia</i> , 2020, 16, e044165.	0.4	0
63	Cardiovascular and stroke risk, cognitive change, and mild cognitive impairment: Results from the HCHS/SOL and SOL/NCA. <i>Alzheimer's and Dementia</i> , 2020, 16, e044166.	0.4	0
64	Subjective cognitive decline is associated with neurocognition in the SOL/NCA study. <i>Alzheimer's and Dementia</i> , 2020, 16, e044167.	0.4	0
65	Self-matched learning to construct treatment decision rules from electronic health records. <i>Statistics in Medicine</i> , 2022, , .	0.8	0