

Jiandong Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,154
citations

471061

17
h-index

500791

28
g-index

93
all docs

93
docs citations

93
times ranked

778
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-depot vehicle routing problem for hazardous materials transportation: A fuzzy bilevel programming. <i>Information Sciences</i> , 2017, 399, 201-218.	4.0	105
2	Predictions of diabetes complications and mortality using hba1c variability: a 10-year observational cohort study. <i>Acta Diabetologica</i> , 2021, 58, 171-180.	1.2	73
3	Glycemic and lipid variability for predicting complications and mortality in diabetes mellitus using machine learning. <i>BMC Endocrine Disorders</i> , 2021, 21, 94.	0.9	58
4	Machine learning versus conventional clinical methods in guiding management of heart failure patients—a systematic review. <i>Heart Failure Reviews</i> , 2021, 26, 23-34.	1.7	57
5	Mean-Semi-Entropy Models of Fuzzy Portfolio Selection. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 1627-1636.	6.5	51
6	Proton pump inhibitor or famotidine use and severe COVID-19 disease: a propensity score-matched territory-wide study. <i>Gut</i> , 2021, 70, 2012-2013.	6.1	48
7	Sodium-Glucose Cotransporter 2 (SGLT2) Inhibitors vs. Dipeptidyl Peptidase-4 (DPP4) Inhibitors for New-Onset Dementia: A Propensity Score-Matched Population-Based Study With Competing Risk Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 747620.	1.1	43
8	Multi-modality machine learning approach for risk stratification in heart failure with left ventricular ejection fraction $\leq 45\%$. <i>ESC Heart Failure</i> , 2020, 7, 3716-3725.	1.4	36
9	Territory-wide cohort study of Brugada syndrome in Hong Kong: predictors of long-term outcomes using random survival forests and non-negative matrix factorisation. <i>Open Heart</i> , 2021, 8, e001505.	0.9	33
10	Incorporating Latent Variables Using Nonnegative Matrix Factorization Improves Risk Stratification in Brugada Syndrome. <i>Journal of the American Heart Association</i> , 2020, 9, e012714.	1.6	28
11	Comparison of Sodium-Glucose Cotransporter-2 Inhibitor and Dipeptidyl Peptidase-4 Inhibitor on the Risks of New-Onset Atrial Fibrillation, Stroke and Mortality in Diabetic Patients: A Propensity Score-Matched Study in Hong Kong. <i>Cardiovascular Drugs and Therapy</i> , 2023, 37, 561-569.	1.3	28
12	Time consistent fuzzy multi-period rolling portfolio optimization with adaptive risk aversion factor. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2017, 8, 651-666.	3.3	27
13	Predictive scores for identifying patients with type 2 diabetes mellitus at risk of acute myocardial infarction and sudden cardiac death. <i>Endocrinology, Diabetes and Metabolism</i> , 2021, 4, e00240.	1.0	27
14	Travel itinerary problem. <i>Transportation Research Part B: Methodological</i> , 2016, 91, 332-343.	2.8	26
15	Development of a multivariable prediction model for severe COVID-19 disease: a population-based study from Hong Kong. <i>Npj Digital Medicine</i> , 2021, 4, 66.	5.7	26
16	Bayesian step stress accelerated degradation testing design: A multi-objective Pareto-optimal approach. <i>Reliability Engineering and System Safety</i> , 2018, 171, 9-17.	5.1	24
17	Comparisons of the risk of myopericarditis between COVID-19 patients and individuals receiving COVID-19 vaccines: a population-based study. <i>Clinical Research in Cardiology</i> , 2022, 111, 1098-1103.	1.5	24
18	Territory-Wide Chinese Cohort of Long QT Syndrome: Random Survival Forest and Cox Analyses. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 608592.	1.1	23

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19	Identification of important risk factors for all-cause mortality of acquired long QT syndrome patients using random survival forests and non-negative matrix factorization. <i>Heart Rhythm</i> , 2021, 18, 426-433.	0.3	22
20	Relationship between angiotensin-converting enzyme inhibitors or angiotensin receptor blockers and COVID-19 incidence or severe disease. <i>Journal of Hypertension</i> , 2021, 39, 1717-1724.	0.3	22
21	Derivation of an electronic frailty index for predicting short-term mortality in heart failure: a machine learning approach. <i>ESC Heart Failure</i> , 2021, 8, 2837-2845.	1.4	21
22	Metformin versus sulphonylureas for new onset atrial fibrillation and stroke in type 2 diabetes mellitus: a population-based study. <i>Acta Diabetologica</i> , 2022, 59, 697-709.	1.2	20
23	Incident heart failure and myocardial infarction in sodium-glucose cotransporter-2 vs. dipeptidyl peptidase-4 inhibitor users. <i>ESC Heart Failure</i> , 2022, 9, 1388-1399.	1.4	20
24	Paediatric/young versus adult patients with long QT syndrome. <i>Open Heart</i> , 2021, 8, e001671.	0.9	19
25	Outcomes in Brugada Syndrome Patients With Implantable Cardioverter-Defibrillators: Insights From the SGLT2 Registry. <i>Frontiers in Physiology</i> , 2020, 11, 204.	1.3	17
26	Development of a predictive risk model for all-cause mortality in patients with diabetes in Hong Kong. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e001950.	1.2	17
27	P-Wave Area Predicts New Onset Atrial Fibrillation in Mitral Stenosis: A Machine Learning Approach. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 479.	2.0	16
28	Anticoagulant or antiplatelet use and severe COVID-19 disease: A propensity score-matched territory-wide study. <i>Pharmacological Research</i> , 2021, 165, 105473.	3.1	16
29	Risk of New-Onset Prostate Cancer for Metformin Versus Sulfonylurea Use in Type 2 Diabetes Mellitus: A Propensity Score-Matched Study. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2022, 20, 674-682.e15.	2.3	16
30	Linking granular computing, big data and decision making: a case study in urban path planning. <i>Soft Computing</i> , 2020, 24, 7435-7450.	2.1	13
31	Fuzzy factorization machine. <i>Information Sciences</i> , 2021, 546, 1135-1147.	4.0	12
32	Interaction effects between angiotensin-converting enzyme inhibitors or angiotensin receptor blockers and steroid or antiviral therapies in COVID-19: A population-based study. <i>Journal of Medical Virology</i> , 2021, 93, 2635-2641.	2.5	12
33	Temporal Variability in Electrocardiographic Indices in Subjects With Brugada Patterns. <i>Frontiers in Physiology</i> , 2020, 11, 953.	1.3	11
34	Multi-parametric system for risk stratification in mitral regurgitation: A multi-task Gaussian prediction approach. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13321.	1.7	11
35	Mean-semi-entropy portfolio adjusting model with transaction costs. <i>Journal of Data Information and Management</i> , 2020, 2, 121-130.	1.6	11
36	Automated Electrocardiogram Analysis Identifies Novel Predictors of Ventricular Arrhythmias in Brugada Syndrome. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 618254.	1.1	11

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37	Gender-specific clinical risk scores incorporating blood pressure variability for predicting incident dementia. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 335-347.	2.2	11
38	The association between blood pressure variability and hip or vertebral fracture risk: A population-based study. <i>Bone</i> , 2021, 150, 116015.	1.4	10
39	Fragmented QRS Is Independently Predictive of Long-Term Adverse Clinical Outcomes in Asian Patients Hospitalized for Heart Failure: A Retrospective Cohort Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 738417.	1.1	9
40	Locally weighted factorization machine with fuzzy partition for elderly readmission prediction. <i>Knowledge-Based Systems</i> , 2022, 242, 108326.	4.0	9
41	Adverse Cardiovascular Complications following prescription of programmed cell death 1 (PD-1) and programmed cell death ligand 1 (PD-L1) inhibitors: a propensity-score matched Cohort Study with competing risk analysis. <i>Cardio-Oncology</i> , 2022, 8, 5.	0.8	8
42	Internet search and medicaid prescription drug data as predictors of opioid emergency department visits. <i>Npj Digital Medicine</i> , 2021, 4, 21.	5.7	5
43	Hip fractures risks in edoxaban versus warfarin users: A propensity score-matched population-based cohort study with competing risk analyses. <i>Bone</i> , 2022, 156, 116303.	1.4	5
44	Integrated self-driving travel scheme planning. <i>International Journal of Production Economics</i> , 2021, 232, 107963.	5.1	4
45	Measures of repolarization variability predict ventricular arrhythmogenesis in heptanol-treated Langendorff-perfused mouse hearts. <i>Current Research in Physiology</i> , 2021, 4, 125-134.	0.8	4
46	Low rates of liver injury in edoxaban users: Evidence from a territory-wide observational cohort study. <i>Clinical Cardiology</i> , 2021, 44, 886-889.	0.7	4
47	Gender- and Age-Specific Associations of Visit-to-Visit Blood Pressure Variability With Anxiety. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 650852.	1.1	4
48	Paediatric/young versus adult patients with congenital long QT syndrome or catecholaminergic polymorphic ventricular tachycardia. <i>European Heart Journal</i> , 2021, 42, .	1.0	4
49	Development of an Electronic Frailty Index for Predicting Mortality and Complications Analysis in Pulmonary Hypertension Using Random Survival Forest Model. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	4
50	Measuring Emotion Bifurcation Points for Individuals in Social Media. , 2016, , .		3
51	Multi-period mean-semi-entropy portfolio management with transaction costs and bankruptcy control. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021, 12, 705-715.	3.3	3
52	Driving performance grading and analytics: learning internal indicators and external factors from multi-source data. <i>Industrial Management and Data Systems</i> , 2021, 121, 2530-2570.	2.2	3
53	Clinical characteristics, risk factors and outcomes of cancer patients with COVID-19: A population-based study. <i>Cancer Medicine</i> , 2023, 12, 287-296.	1.3	3
54	Brugada syndrome in Hong Kong: long term outcome prediction through machine learning. <i>Europace</i> , 2021, 23, .	0.7	2

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55	Evaporation and drying characteristics of the sessile ferrofluid droplet under a horizontal magnetic field. <i>Fundamental Research</i> , 2022, 2, 222-229.	1.6	2
56	Field-aware attentive neural factorization with fuzzy mutual information for company investment valuation. <i>Information Sciences</i> , 2022, 600, 43-58.	4.0	2
57	Clinical characteristics, outcomes, and genetic findings of patients with catecholaminergic polymorphic ventricular tachycardia in Hong Kong: A systematic review. <i>Annals of Clinical Cardiology</i> , 2022, 4, 3.	0.0	2
58	Pairwise Feature Interactions to Predict Arrhythmic Risk of Brugada Syndrome. , 2021, , .		1
59	Mutual Information Reveals Non-linear Relationships between Electrocardiographic Conduction or Repolarization Indices and Mechanical Dispersion by Speckle-Tracking Echocardiography in the General Population. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 1408-1420.	0.7	0
60	122â€¦Comparing dipeptidyl peptidase-4 inhibitors and sodium-glucose cotransporter-2 inhibitors on new-onset heart failure and myocardial infarction. , 2021, , .		0
61	200â€¦Associations of triglyceride level and variabilities with lung related infections, cancer, and mortality outcomes: a territory-wide cohort study. , 2021, , .		0
62	193â€¦Edoxaban versus warfarin on stroke risk in patients with atrial fibrillation: a territory-wide cohort study. , 2021, , .		0
63	B-PO05-144 COMPARING SODIUM GLUCOSE COTRANSPORTER 2 INHIBITORS AND DIPEPTIDYL PEPTIDASE-4 INHIBITORS ON NEW-ONSET ATRIAL FIBRILLATION AND ISCHEMIC STROKE. <i>Heart Rhythm</i> , 2021, 18, S430-S431.	0.3	0
64	An Open Invitation to Join the International Brugada Electrocardiographic Indices Registry. <i>Cardiovascular Innovations and Applications</i> , 2020, 4, .	0.1	0
65	A territory-wide study of arrhythmogenic right ventricular cardiomyopathy patients from Hong Kong. <i>European Heart Journal</i> , 2021, 42, .	1.0	0