Jiandong Zhou

List of Publications by Year in descending order

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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	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. Cardiovascular Drugs and Therapy, 2023, 37, 561-569.	1.3	28
2	Clinical characteristics, risk factors and outcomes of cancer patients with<scp>COVID</scp>â€19: A populationâ€based study. Cancer Medicine, 2023, 12, 287-296.	1.3	3
3	Gender-specific clinical risk scores incorporating blood pressure variability for predicting incident dementia. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 335-347.	2.2	11
4	Evaporation and drying characteristics of the sessile ferrofluid droplet under a horizontal magnetic field. Fundamental Research, 2022, 2, 222-229.	1.6	2
5	Hip fractures risks in edoxaban versus warfarin users: A propensity score-matched population-based cohort study with competing risk analyses. Bone, 2022, 156, 116303.	1.4	5
6	Metformin versus sulphonylureas for new onset atrial fibrillation and stroke in type 2 diabetes mellitus: a population-based study. Acta Diabetologica, 2022, 59, 697-709.	1.2	20
7	Locally weighted factorization machine with fuzzy partition for elderly readmission prediction. Knowledge-Based Systems, 2022, 242, 108326.	4.0	9
8	Incident heart failure and myocardial infarction in sodiumâ€glucose cotransporterâ€2 vs. dipeptidyl peptidaseâ€4 inhibitor users. ESC Heart Failure, 2022, 9, 1388-1399.	1.4	20
9	Comparisons of the risk of myopericarditis between COVID-19 patients and individuals receiving COVID-19 vaccines: a population-based study. Clinical Research in Cardiology, 2022, 111, 1098-1103.	1.5	24
10	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. Cardio-Oncology, 2022, 8, 5.	0.8	8
11	Field-aware attentive neural factorization with fuzzy mutual information for company investment valuation. Information Sciences, 2022, 600, 43-58.	4.0	2
12	Risk of New-Onset Prostate Cancer for Metformin Versus Sulfonylurea Use in Type 2 Diabetes Mellitus: A Propensity Scoreâ€“Matched Study. Journal of the National Comprehensive Cancer Network: JNCCN, 2022, 20, 674-682.e15.	2.3	16
13	Clinical characteristics, outcomes, and genetic findings of patients with catecholaminergic polymorphic ventricular tachycardia in Hong Kong: A systematic review. Annals of Clinical Cardiology, 2022, 4, 3.	0.0	2
14	Proton pump inhibitor or famotidine use and severe COVID-19 disease: a propensity score-matched territory-wide study. Gut, 2021, 70, 2012-2013.	6.1	48
15	Multi-period mean-semi-entropy portfolio management with transaction costs and bankruptcy control. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 705-715.	3.3	3
16	Fuzzy factorization machine. Information Sciences, 2021, 546, 1135-1147.	4.0	12
17	Machine learning versus conventional clinical methods in guiding management of heart failure patientsâ€”a systematic review. Heart Failure Reviews, 2021, 26, 23-34.	1.7	57
18	Integrated self-driving travel scheme planning. International Journal of Production Economics, 2021, 232, 107963.	5.1	4

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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. Heart Rhythm, 2021, 18, 426-433.	0.3	22
20	Predictions of diabetes complications and mortality using hba1c variability: a 10-year observational cohort study. Acta Diabetologica, 2021, 58, 171-180.	1.2	73
21	Measures of repolarization variability predict ventricular arrhythmogenesis in heptanol-treated Langendorff-perfused mouse hearts. Current Research in Physiology, 2021, 4, 125-134.	0.8	4
22	Territory-Wide Chinese Cohort of Long QT Syndrome: Random Survival Forest and Cox Analyses. Frontiers in Cardiovascular Medicine, 2021, 8, 608592.	1.1	23
23	Predictive scores for identifying patients with type 2 diabetes mellitus at risk of acute myocardial infarction and sudden cardiac death. Endocrinology, Diabetes and Metabolism, 2021, 4, e00240.	1.0	27
24	Internet search and medicaid prescription drug data as predictors of opioid emergency department visits. Npj Digital Medicine, 2021, 4, 21.	5.7	5
25	Low rates of liver injury in edoxaban users: Evidence from a territoryâ€wide observational cohort study. Clinical Cardiology, 2021, 44, 886-889.	0.7	4
26	Territory-wide cohort study of Brugada syndrome in Hong Kong: predictors of long-term outcomes using random survival forests and non-negative matrix factorisation. Open Heart, 2021, 8, e001505.	0.9	33
27	Interaction effects between angiotensinâ€converting enzyme inhibitors or angiotensin receptor blockers and steroid or antiviral therapies in COVIDâ€19: A populationâ€based study. Journal of Medical Virology, 2021, 93, 2635-2641.	2.5	12
28	Anticoagulant or antiplatelet use and severe COVID-19 disease: A propensity score-matched territory-wide study. Pharmacological Research, 2021, 165, 105473.	3.1	16
29	Relationship between angiotensin-converting enzyme inhibitors or angiotensin receptor blockers and COVID-19 incidence or severe disease. Journal of Hypertension, 2021, 39, 1717-1724.	0.3	22
30	Development of a multivariable prediction model for severe COVID-19 disease: a population-based study from Hong Kong. Npj Digital Medicine, 2021, 4, 66.	5.7	26
31	Mutual Information Reveals Non-linear Relationships between Electrocardiographic Conduction or Repolarization Indices and Mechanical Dispersion by Speckle-Tracking Echocardiography in the General Population. Ultrasound in Medicine and Biology, 2021, 47, 1408-1420.	0.7	0
32	Glycemic and lipid variability for predicting complications and mortality in diabetes mellitus using machine learning. BMC Endocrine Disorders, 2021, 21, 94.	0.9	58
33	Brugada syndrome in Hong Kong: long term outcome prediction through machine learning. Europace, 2021, 23, .	0.7	2
34	Gender- and Age-Specific Associations of Visit-to-Visit Blood Pressure Variability With Anxiety. Frontiers in Cardiovascular Medicine, 2021, 8, 650852.	1.1	4
35	122â€…Comparing dipeptidyl peptidase-4 inhibitors and sodium-glucose cotransporter-2 inhibitors on new-onset heart failure and myocardial infarction. , 2021, , .		0
36	200â€…Associations of triglyceride level and variabilities with lung related infections, cancer, and mortality outcomes: a territory-wide cohort study. , 2021, , .		0

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37	Development of a predictive risk model for all-cause mortality in patients with diabetes in Hong Kong. BMJ Open Diabetes Research and Care, 2021, 9, e001950.	1.2	17
38	Derivation of an electronic frailty index for predicting shortâ€term mortality in heart failure: a machine learning approach. ESC Heart Failure, 2021, 8, 2837-2845.	1.4	21
39	193â€…Edoxaban versus warfarin on stroke risk in patients with atrial fibrillation: a territory-wide cohort study. , 2021, , .		0
40	Driving performance grading and analytics: learning internal indicators and external factors from multi-source data. Industrial Management and Data Systems, 2021, 121, 2530-2570.	2.2	3
41	B-PO05-144 COMPARING SODIUM GLUCOSE COTRANSPORTER 2 INHIBITORS AND DIPEPTIDYL PEPTIDASE-4 INHIBITORS ON NEW-ONSET ATRIAL FIBRILLATION AND ISCHEMIC STROKE. Heart Rhythm, 2021, 18, S430-S431.	0.3	0
42	The association between blood pressure variability and hip or vertebral fracture risk: A population-based study. Bone, 2021, 150, 116015.	1.4	10
43	Paediatric/young versus adult patients with long QT syndrome. Open Heart, 2021, 8, e001671.	0.9	19
44	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. Frontiers in Cardiovascular Medicine, 2021, 8, 747620.	1.1	43
45	Paediatric/young versus adult patients with congenital long QT syndrome or catecholaminergic polymorphic ventricular tachycardia. European Heart Journal, 2021, 42, .	1.0	4
46	A territory-wide study of arrhythmogenic right ventricular cardiomyopathy patients from Hong Kong. European Heart Journal, 2021, 42, .	1.0	0
47	Fragmented QRS Is Independently Predictive of Long-Term Adverse Clinical Outcomes in Asian Patients Hospitalized for Heart Failure: A Retrospective Cohort Study. Frontiers in Cardiovascular Medicine, 2021, 8, 738417.	1.1	9
48	Pairwise Feature Interactions to Predict Arrhythmic Risk of Brugada Syndrome. , 2021, , .		1
49	Linking granular computing, big data and decision making: a case study in urban path planning. Soft Computing, 2020, 24, 7435-7450.	2.1	13
50	Multiâ€modality machine learning approach for risk stratification in heart failure with left ventricular ejection fractionÂâ‰Â45%. ESC Heart Failure, 2020, 7, 3716-3725.	1.4	36
51	Incorporating Latent Variables Using Nonnegative Matrix Factorization Improves Risk Stratification in Brugada Syndrome. Journal of the American Heart Association, 2020, 9, e012714.	1.6	28
52	Temporal Variability in Electrocardiographic Indices in Subjects With Brugada Patterns. Frontiers in Physiology, 2020, 11, 953.	1.3	11
53	Multiâ€parametric system for risk stratification in mitral regurgitation: A multiâ€task Gaussian prediction approach. European Journal of Clinical Investigation, 2020, 50, e13321.	1.7	11
54	P-Wave Area Predicts New Onset Atrial Fibrillation in Mitral Stenosis: A Machine Learning Approach. Frontiers in Bioengineering and Biotechnology, 2020, 8, 479.	2.0	16

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55	Outcomes in Brugada Syndrome Patients With Implantable Cardioverter-Defibrillators: Insights From the SGLT2 Registry. Frontiers in Physiology, 2020, 11, 204.	1.3	17
56	Mean-semi-entropy portfolio adjusting model with transaction costs. Journal of Data Information and Management, 2020, 2, 121-130.	1.6	11
57	Automated Electrocardiogram Analysis Identifies Novel Predictors of Ventricular Arrhythmias in Brugada Syndrome. Frontiers in Cardiovascular Medicine, 2020, 7, 618254.	1.1	11
58	An Open Invitation to Join the International Brugada Electrocardiographic Indices Registry. Cardiovascular Innovations and Applications, 2020, 4, .	0.1	0
59	Bayesian step stress accelerated degradation testing design: A multi-objective Pareto-optimal approach. Reliability Engineering and System Safety, 2018, 171, 9-17.	5.1	24
60	Multi-depot vehicle routing problem for hazardous materials transportation: A fuzzy bilevel programming. Information Sciences, 2017, 399, 201-218.	4.0	105
61	Time consistent fuzzy multi-period rolling portfolio optimization with adaptive risk aversion factor. Journal of Ambient Intelligence and Humanized Computing, 2017, 8, 651-666.	3.3	27
62	Mean-Semi-Entropy Models of Fuzzy Portfolio Selection. IEEE Transactions on Fuzzy Systems, 2016, 24, 1627-1636.	6.5	51
63	Travel itinerary problem. Transportation Research Part B: Methodological, 2016, 91, 332-343.	2.8	26
64	Measuring Emotion Bifurcation Points for Individuals in Social Media. , 2016, , .		3
65	Development of an Electronic Frailty Index for Predicting Mortality and Complications Analysis in Pulmonary Hypertension Using Random Survival Forest Model. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	4