

Kenney Ng

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,610
citations

361045

20
h-index

344852

36
g-index

47
all docs

47
docs citations

47
times ranked

2572
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Islet Autoantibody Type-Specific Titer Thresholds Improve Stratification of Risk of Progression to Type 1 Diabetes in Children. <i>Diabetes Care</i> , 2022, 45, 160-168. | 4.3 | 8 |
| 2 | Progression of type 1 diabetes from latency to symptomatic disease is predicted by distinct autoimmune trajectories. <i>Nature Communications</i> , 2022, 13, 1514. | 5.8 | 16 |
| 3 | Association of the Interaction Between Familial Hypercholesterolemia Variants and Adherence to a Healthy Lifestyle With Risk of Coronary Artery Disease. <i>JAMA Network Open</i> , 2022, 5, e222687. | 2.8 | 17 |
| 4 | Association of Pathogenic DNA Variants Predisposing to Cardiomyopathy With Cardiovascular Disease Outcomes and All-Cause Mortality. <i>JAMA Cardiology</i> , 2022, 7, 723. | 3.0 | 15 |
| 5 | Human-centered explainability for life sciences, healthcare, and medical informatics. <i>Patterns</i> , 2022, 3, 100493. | 3.1 | 9 |
| 6 | Genetic analysis of right heart structure and function in 40,000 people. <i>Nature Genetics</i> , 2022, 54, 792-803. | 9.4 | 34 |
| 7 | DPVis: Visual Analytics With Hidden Markov Models for Disease Progression Pathways. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 3685-3700. | 2.9 | 35 |
| 8 | Lp(a) (Lipoprotein[a]) Concentrations and Incident Atherosclerotic Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 465-474. | 1.1 | 104 |
| 9 | Precision population analytics: population management at the point-of-care. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 588-595. | 2.2 | 11 |
| 10 | Performance of Atrial Fibrillation Risk Prediction Models in Over 4 Million Individuals. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e008997. | 2.1 | 30 |
| 11 | Personalized treatment options for chronic diseases using precision cohort analytics. <i>Scientific Reports</i> , 2021, 11, 1139. | 1.6 | 16 |
| 12 | Genetic Predictor to Identify Individuals With High Lipoprotein(a) Concentrations. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003182. | 1.6 | 10 |
| 13 | Islet Autoimmunity and HLA Markers of Presymptomatic and Clinical Type 1 Diabetes: Joint Analyses of Prospective Cohort Studies in Finland, Germany, Sweden, and the U.S.. <i>Diabetes Care</i> , 2021, 44, 2269-2276. | 4.3 | 27 |
| 14 | Quantifying and Understanding the Higher Risk of Atherosclerotic Cardiovascular Disease Among South Asian Individuals. <i>Circulation</i> , 2021, 144, 410-422. | 1.6 | 72 |
| 15 | Discovery of Parkinson's disease states and disease progression modelling: a longitudinal data study using machine learning. <i>The Lancet Digital Health</i> , 2021, 3, e555-e564. | 5.9 | 29 |
| 16 | Selection of 51 predictors from 13,782 candidate multimodal features using machine learning improves coronary artery disease prediction. <i>Patterns</i> , 2021, 2, 100364. | 3.1 | 18 |
| 17 | Complication Risk Profiling in Diabetes Care: A Bayesian Multi-Task and Feature Relationship Learning Approach. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020, 32, 1276-1289. | 4.0 | 19 |
| 18 | Genome-Wide Polygenic Score, Clinical Risk Factors, and Long-Term Trajectories of Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2738-2746. | 1.1 | 71 |

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|----|--|-----|-----------|
| 19 | Polygenic background modifies penetrance of monogenic variants for tier 1 genomic conditions. <i>Nature Communications</i> , 2020, 11, 3635. | 5.8 | 277 |
| 20 | Association of Rare Pathogenic DNA Variants for Familial Hypercholesterolemia, Hereditary Breast and Ovarian Cancer Syndrome, and Lynch Syndrome With Disease Risk in Adults According to Family History. <i>JAMA Network Open</i> , 2020, 3, e203959. | 2.8 | 75 |
| 21 | Titin Truncating Variants in Adults Without Known Congestive Heart Failure. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1239-1241. | 1.2 | 22 |
| 22 | Identifying unreliable predictions in clinical risk models. <i>Npj Digital Medicine</i> , 2020, 3, 8. | 5.7 | 10 |
| 23 | Modeling Disease Progression Trajectories from Longitudinal Observational Data. <i>AMIA ... Annual Symposium proceedings</i> , 2020, 2020, 668-676. | 0.2 | 3 |
| 24 | Unsupervised Learning with Contrastive Latent Variable Models. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019, 33, 4862-4869. | 3.6 | 18 |
| 25 | Rare Genetic Variants Associated With Sudden Cardiac Death in Adults. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2623-2634. | 1.2 | 27 |
| 26 | Recurrent Neural Networks for Early Detection of Heart Failure From Longitudinal Electronic Health Record Data. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019, 12, e005114. | 0.9 | 34 |
| 27 | Clustervision: Visual Supervision of Unsupervised Clustering. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2018, 24, 142-151. | 2.9 | 91 |
| 28 | Analysis of factors associated with extended recovery time after colonoscopy. <i>PLoS ONE</i> , 2018, 13, e0199246. | 1.1 | 4 |
| 29 | The MELD-Plus: A generalizable prediction risk score in cirrhosis. <i>PLoS ONE</i> , 2017, 12, e0186301. | 1.1 | 51 |
| 30 | Early Detection of Heart Failure Using Electronic Health Records. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2016, 9, 649-658. | 0.9 | 80 |
| 31 | Physician Documentation Behaviors in Electronic Health Records as a Potential Source of Noise for Early Detection of Heart Failure. <i>Journal of Patient-centered Research and Reviews</i> , 2016, 3, 200. | 0.6 | 0 |
| 32 | Characterizing Physicians Practice Phenotype from Unstructured Electronic Health Records. <i>AMIA ... Annual Symposium proceedings</i> , 2016, 2016, 514-523. | 0.2 | 0 |
| 33 | Early detection of heart failure with varying prediction windows by structured and unstructured data in electronic health records. , 2015, 2015, 2530-3. | | 27 |
| 34 | Personalized Predictive Modeling and Risk Factor Identification using Patient Similarity. <i>AMIA Summits on Translational Science Proceedings</i> , 2015, 2015, 132-6. | 0.4 | 24 |
| 35 | Prescription Extraction from Clinical Notes: Towards Automating EMR Medication Reconciliation. <i>AMIA Summits on Translational Science Proceedings</i> , 2015, 2015, 188-93. | 0.4 | 3 |
| 36 | PARAMO: A PARALLEL predictive MOdeling platform for healthcare analytic research using electronic health records. <i>Journal of Biomedical Informatics</i> , 2014, 48, 160-170. | 2.5 | 90 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Prevalence of Heart Failure Signs and Symptoms in a Large Primary Care Population Identified Through the Use of Text and Data Mining of the Electronic Health Record. <i>Journal of Cardiac Failure</i> , 2014, 20, 459-464. | 0.7 | 72 |
| 38 | Auto-grouping emails for faster e-discovery. <i>Proceedings of the VLDB Endowment</i> , 2011, 4, 1284-1294. | 2.1 | 9 |
| 39 | Subword-based approaches for spoken document retrieval. <i>Speech Communication</i> , 2000, 32, 157-186. | 1.6 | 124 |