Kenney Ng

List of Publications by Year
in descending order

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	Polygenic background modifies penetrance of monogenic variants for tier 1 genomic conditions. Nature Communications, 2020, 11, 3635.	5.8	277
2	Subword-based approaches for spoken document retrieval. Speech Communication, 2000, 32, 157-186.	1.6	124
3	Lp(a) (Lipoprotein[a]) Concentrations and Incident Atherosclerotic Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 465-474.	1.1	104
4	Clustervision: Visual Supervision of Unsupervised Clustering. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 142-151.	2.9	91
5	PARAMO: A PARAllel predictive MOdeling platform for healthcare analytic research using electronic health records. Journal of Biomedical Informatics, 2014, 48, 160-170.	2.5	90
6	Early Detection of Heart Failure Using Electronic Health Records. Circulation: Cardiovascular Quality and Outcomes, 2016, 9, 649-658.	0.9	80
7	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. JAMA Network Open, 2020, 3, e203959.	2.8	75
8	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. Journal of Cardiac Failure, 2014, 20, 459-464.	0.7	72
9	Quantifying and Understanding the Higher Risk of Atherosclerotic Cardiovascular Disease Among South Asian Individuals. Circulation, 2021, 144, 410-422.	1.6	72
10	Genome-Wide Polygenic Score, Clinical Risk Factors, and Long-Term Trajectories of Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2738-2746.	1.1	71
11	The MELD-Plus: A generalizable prediction risk score in cirrhosis. PLoS ONE, 2017, 12, e0186301.	1.1	51
12	DPVis: Visual Analytics With Hidden Markov Models for Disease Progression Pathways. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 3685-3700.	2.9	35
13	Recurrent Neural Networks for Early Detection of Heart Failure From Longitudinal Electronic Health Record Data. Circulation: Cardiovascular Quality and Outcomes, 2019, 12, e005114.	0.9	34
14	Genetic analysis of right heart structure and function in 40,000 people. Nature Genetics, 2022, 54, 792-803.	9.4	34
15	Performance of Atrial Fibrillation Risk Prediction Models in Over 4 Million Individuals. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e008997.	2.1	30
16	Discovery of Parkinson's disease states and disease progression modelling: a longitudinal data study using machine learning. The Lancet Digital Health, 2021, 3, e555-e564.	5.9	29
17	Early detection of heart failure with varying prediction windows by structured and unstructured data in electronic health records. , 2015, 2015, 2530-3.		27
18	Rare Genetic Variants Associated With Sudden Cardiac Death in Adults. Journal of the American College of Cardiology, 2019, 74, 2623-2634.	1.2	27

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19	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.. Diabetes Care, 2021, 44, 2269-2276.	4.3	27
20	Personalized Predictive Modeling and Risk Factor Identification using Patient Similarity. AMIA Summits on Translational Science Proceedings, 2015, 2015, 132-6.	0.4	24
21	Titin Truncating Variants in Adults Without Known Congestive HeartÂFailure. Journal of the American College of Cardiology, 2020, 75, 1239-1241.	1.2	22
22	Complication Risk Profiling in Diabetes Care: A Bayesian Multi-Task and Feature Relationship Learning Approach. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1276-1289.	4.0	19
23	Unsupervised Learning with Contrastive Latent Variable Models. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 4862-4869.	3.6	18
24	Selection of 51 predictors from 13,782 candidate multimodal features using machine learning improves coronary artery disease prediction. Patterns, 2021, 2, 100364.	3.1	18
25	Association of the Interaction Between Familial Hypercholesterolemia Variants and Adherence to a Healthy Lifestyle With Risk of Coronary Artery Disease. JAMA Network Open, 2022, 5, e222687.	2.8	17
26	Personalized treatment options for chronic diseases using precision cohort analytics. Scientific Reports, 2021, 11, 1139.	1.6	16
27	Progression of type 1 diabetes from latency to symptomatic disease is predicted by distinct autoimmune trajectories. Nature Communications, 2022, 13, 1514.	5.8	16
28	Association of Pathogenic DNA Variants Predisposing to Cardiomyopathy With Cardiovascular Disease Outcomes and All-Cause Mortality. JAMA Cardiology, 2022, 7, 723.	3.0	15
29	Precision population analytics: population management at the point-of-care. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 588-595.	2.2	11
30	Identifying unreliable predictions in clinical risk models. Npj Digital Medicine, 2020, 3, 8.	5.7	10
31	Genetic Predictor to Identify Individuals With High Lipoprotein(a) Concentrations. Circulation Genomic and Precision Medicine, 2021, 14, e003182.	1.6	10
32	Auto-grouping emails for faster e-discovery. Proceedings of the VLDB Endowment, 2011, 4, 1284-1294.	2.1	9
33	Human-centered explainability for life sciences, healthcare, and medical informatics. Patterns, 2022, 3, 100493.	3.1	9
34	Islet Autoantibody Type-Specific Titer Thresholds Improve Stratification of Risk of Progression to Type 1 Diabetes in Children. Diabetes Care, 2022, 45, 160-168.	4.3	8
35	Analysis of factors associated with extended recovery time after colonoscopy. PLoS ONE, 2018, 13, e0199246.	1.1	4
36	Prescription Extraction from Clinical Notes: Towards Automating EMR Medication Reconciliation. AMIA Summits on Translational Science Proceedings, 2015, 2015, 188-93.	0.4	3

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37	Modeling Disease Progression Trajectories from Longitudinal Observational Data. AMIA ... Annual Symposium proceedings, 2020, 2020, 668-676.	0.2	3
38	Physician Documentation Behaviors in Electronic Health Records as a Potential Source of Noise for Early Detection of Heart Failure. Journal of Patient-centered Research and Reviews, 2016, 3, 200.	0.6	0
39	Characterizing Physicians Practice Phenotype from Unstructured Electronic Health Records. AMIA ... Annual Symposium proceedings, 2016, 2016, 514-523.	0.2	0