Joon-myoung Kwon

List of Publications by Year
in descending order

35	1,428	331259 21	395343 33
papers	citations	h-index	g-index

38	38	38	1591
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Algorithm Based on Deep Learning for Predicting Inâ€Hospital Cardiac Arrest. Journal of the American Heart Association, 2018, 7, .	1.6	188
2	Deep Learningâ€"Based Algorithm for Detecting Aortic Stenosis Using Electrocardiography. Journal of the American Heart Association, 2020, 9, e014717.	1.6	113
3	Artificial intelligence algorithm for predicting mortality of patients with acute heart failure. PLoS ONE, 2019, 14, e0219302.	1.1	84
4	Development and Validation of Deep-Learning Algorithm for Electrocardiography-Based Heart Failure Identification. Korean Circulation Journal, 2019, 49, 629.	0.7	70
5	A deep learning algorithm to detect anaemia with ECGs: a retrospective, multicentre study. The Lancet Digital Health, 2020, 2, e358-e367.	5.9	67
6	Comparing the performance of artificial intelligence and conventional diagnosis criteria for detecting left ventricular hypertrophy using electrocardiography. Europace, 2020, 22, 412-419.	0.7	66
7	Deep learning for predicting inâ€hospital mortality among heart disease patients based on echocardiography. Echocardiography, 2019, 36, 213-218.	0.3	62
8	Validation of deep-learning-based triage and acuity score using a large national dataset. PLoS ONE, 2018, 13, e0205836.	1.1	61
9	Artificial intelligence algorithm for detecting myocardial infarction using six-lead electrocardiography. Scientific Reports, 2020, 10, 20495.	1.6	61
10	Deep-learning-based out-of-hospital cardiac arrest prognostic system to predict clinical outcomes. Resuscitation, 2019, 139, 84-91.	1.3	60
11	Explainable artificial intelligence to detect atrial fibrillation using electrocardiogram. International Journal of Cardiology, 2021, 328, 104-110.	0.8	57
12	Artificial intelligence algorithm to predict the need for critical care in prehospital emergency medical services. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2020, 28, 17.	1.1	56
13	Artificial intelligence for early prediction of pulmonary hypertension using electrocardiography. Journal of Heart and Lung Transplantation, 2020, 39, 805-814.	0.3	55
14	Deep-learning-based risk stratification for mortality of patients with acute myocardial infarction. PLoS ONE, 2019, 14, e0224502.	1.1	54
15	Detecting Patient Deterioration Using Artificial Intelligence in a Rapid Response System. Critical Care Medicine, 2020, 48, e285-e289.	0.4	46
16	Artificial intelligence for detecting mitral regurgitation using electrocardiography. Journal of Electrocardiology, 2020, 59, 151-157.	0.4	42
17	Artificial intelligence algorithm for predicting cardiac arrest using electrocardiography. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2020, 28, 98.	1.1	35
18	Artificial Intelligence Algorithm for Screening Heart Failure with Reduced Ejection Fraction Using Electrocardiography. ASAIO Journal, 2021, 67, 314-321.	0.9	34

#	Article	IF	Citations
19	Artificial intelligence for detecting electrolyte imbalance using electrocardiography. Annals of Noninvasive Electrocardiology, 2021, 26, e12839.	0.5	29
20	Deep Learning in the Medical Domain: Predicting Cardiac Arrest Using Deep Learning. Acute and Critical Care, 2018, 33, 117-120.	0.6	27
21	Effectiveness and safety of non-vitamin K antagonist oral anticoagulants in octogenarian patients with non-valvular atrial fibrillation. PLoS ONE, 2019, 14, e0211766.	1.1	26
22	Detection and classification of arrhythmia using an explainable deep learning model. Journal of Electrocardiology, 2021, 67, 124-132.	0.4	25
23	A multicentre validation study of the deep learning-based early warning score for predicting in-hospital cardiac arrest in patients admitted to general wards. Resuscitation, 2021, 163, 78-85.	1.3	19
24	Artificial intelligence assessment for early detection of heart failure with preserved ejection fraction based on electrocardiographic features. European Heart Journal Digital Health, 2021, 2, 106-116.	0.7	19
25	Artificial intelligence using electrocardiography: strengths and pitfalls. European Heart Journal, 2021, 42, 2896-2898.	1.0	13
26	Deep-learning model for screening sepsis using electrocardiography. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2021, 29, 145.	1.1	12
27	Artificial Intelligence-Enhanced Smartwatch ECG for Heart Failure-Reduced Ejection Fraction Detection by Generating 12-Lead ECG. Diagnostics, 2022, 12, 654.	1.3	12
28	Artificial intelligence to diagnose paroxysmal supraventricular tachycardia using electrocardiography during normal sinus rhythm. European Heart Journal Digital Health, 2021, 2, 290-298.	0.7	11
29	Graph Convolutional Networks-Based Noisy Data Imputation in Electronic Health Record. Critical Care Medicine, 2020, 48, e1106-e1111.	0.4	10
30	Electrocardiographic biomarker based on machine learning for detecting overt hyperthyroidism. European Heart Journal Digital Health, 2022, 3, 255-264.	0.7	5
31	High Incidence and Mortality of Out-of-Hospital Cardiac Arrest on Traditional Holiday in South Korea. Korean Circulation Journal, 2019, 49, 945.	0.7	3
32	Artificial intelligence assessment for early detection and prediction of renal impairment using electrocardiography. International Urology and Nephrology, 2022, , 1.	0.6	3
33	Quick Sequential Organ Failure Assessment Score and the Modified Early Warning Score for Predicting Clinical Deterioration in General Ward Patients Regardless of Suspected Infection. Journal of Korean Medical Science, 2022, 37, e122.	1.1	2
34	Can emergency physicians reliably interpret cardiac CT images? A prospective observational study. Clinical and Experimental Emergency Medicine, 2015, 2, 38-43.	0.5	1
35	Deep Learning in Medical Research: Strengths and Pitfalls. Cardiometabolic Syndrome Journal, 2021, 1, 155.	1.0	0