Salah S Al-Zaiti

List of Publications by Citations

79 papers	579 citations	13 h-index	23 g-index
122 ext. papers	806 ext. citations	2.1 avg, IF	4.02 L-index

#	Paper	IF	Citations
79	Sleep problems, depression, substance use, social bonding, and quality of life in professional firefighters. *Journal of Occupational and Environmental Medicine*, **2011**, 53, 928-33	2	169
78	Exercise-Related Acute Cardiovascular Events and Potential Deleterious Adaptations Following Long-Term Exercise Training: Placing the Risks Into Perspective-An Update: A Scientific Statement From the American Heart Association. *Circulation*, **2020**, 141, e705-e736	16.7	70
77	Machine learning-based prediction of acute coronary syndrome using only the pre-hospital 12-lead electrocardiogram. *Nature Communications*, **2020**, 11, 3966	17.4	27
76	A low-glycemic nutritional fitness program to reverse metabolic syndrome in professional firefighters: results of a pilot study. *Journal of Cardiovascular Nursing*, **2011**, 26, 298-304	2.1	26
75	Rationale, development, and implementation of the Electrocardiographic Methods for the Prehospital Identification of Non-ST Elevation Myocardial Infarction Events (EMPIRE). *Journal of Electrocardiology*, **2015**, 48, 921-6	1.4	20
74	The Selvester QRS Score is more accurate than Q waves and fragmented QRS complexes using the Mason-Likar configuration in estimating infarct volume in patients with ischemic cardiomyopathy. *Journal of Electrocardiology*, **2010**, 43, 318-25	1.4	20
73	Increased T wave complexity can indicate subclinical myocardial ischemia in asymptomatic adults. *Journal of Electrocardiology*, **2011**, 44, 684-8	1.4	19
72	Electrocardiographic Responses During Fire Suppression and Recovery Among Experienced Firefighters. *Journal of Occupational and Environmental Medicine*, **2015**, 57, 938-42	2	18
71	Paroxysmal Supraventricular Tachycardia: Pathophysiology, Diagnosis, and Management. *Critical Care Nursing Clinics of North America*, **2016**, 28, 309-16	1.5	17
70	Novel technical solutions for wireless ECG transmission & analysis in the age of the internet cloud. *Journal of Electrocardiology*, **2013**, 46, 540-5	1.4	17
69	Clinical Utility of Ventricular Repolarization Dispersion for Real-Time Detection of Non-ST Elevation Myocardial Infarction in Emergency Departments. *Journal of the American Heart Association*, **2015**, 4,	6	14
68	The Prevalence of Clinical and Electrocardiographic Risk Factors of Cardiovascular Death Among On-duty Professional Firefighters. *Journal of Cardiovascular Nursing*, **2015**, 30, 440-6	2.1	14
67	Spatial indices of repolarization correlate with non-ST elevation myocardial ischemia in patients with chest pain. *Medical and Biological Engineering and Computing*, **2018**, 56, 1-12	3.1	13
66	Comparison of clinical risk scores for triaging high-risk chest pain patients at the emergency department. *American Journal of Emergency Medicine*, **2019**, 37, 461-467	2.9	12
65	The prognostic value of discordant T waves in lead aVR: A simple risk marker of sudden cardiac arrest in ischemic cardiomyopathy. *Journal of Electrocardiology*, **2015**, 48, 887-92	1.4	11
64	Electrocardiogram-based predictors of clinical outcomes: a meta-analysis of the prognostic value of ventricular repolarization. *Heart and Lung: Journal of Acute and Critical Care*, **2014**, 43, 516-26	2.6	11
63	Electrocardiographic predictors of sudden and non-sudden cardiac death in patients with ischemic cardiomyopathy. *Heart and Lung: Journal of Acute and Critical Care*, **2014**, 43, 527-33	2.6	9

62	Inflammation-induced atrial fibrillation: pathophysiological perspectives and clinical implications. *Heart and Lung: Journal of Acute and Critical Care*, **2015**, 44, 59-62	2.6	8
61	Prevalence and Predictors of Delay in Seeking Emergency Care in Patients Who Call 9-1-1 for Chest Pain. *Journal of Emergency Medicine*, **2019**, 57, 603-610	1.5	8
60	The role of heart rate variability, heart rate turbulence, and deceleration capacity in predicting cause-specific mortality in chronic heart failure. *Journal of Electrocardiology*, **2019**, 52, 70-74	1.4	8
59	Holiday heart syndrome. *American Journal of Critical Care*, **2014**, 23, 171-2	1.7	6
58	High-risk electrocardiographic parameters are ubiquitous in patients with ischemic cardiomyopathy. *Annals of Noninvasive Electrocardiology*, **2012**, 17, 241-51	1.5	6
57	Coronary artery dominance. *American Journal of Critical Care*, **2011**, 20, 401-2	1.7	5
56	Nonspecific electrocardiographic abnormalities are associated with increased length of stay and adverse cardiac outcomes in prehospital chest pain. *Heart and Lung: Journal of Acute and Critical Care*, **2019**, 48, 121-125	2.6	5
55	In Search of an Optimal Subset of ECG Features to Augment the Diagnosis of Acute Coronary Syndrome at the Emergency Department. *Journal of the American Heart Association*, **2021**, 10, e017871	6	5
54	Diurnal, weekly and seasonal variations of chest pain in patients transported by emergency medical services. *Emergency Medicine Journal*, **2019**, 36, 601-607	1.5	4
53	Identifying the most important ECG predictors of reduced ejection fraction in patients with suspected acute coronary syndrome. *Journal of Electrocardiology*, **2020**, 61, 81-85	1.4	4
52	Evaluation of beat-to-beat ventricular repolarization lability from standard 12-lead ECG during acute myocardial ischemia. *Journal of Electrocardiology*, **2017**, 50, 717-724	1.4	4
51	The prognostic value of HEART score in patients with cocaine associated chest pain: An age-and-sex matched cohort study. *American Journal of Emergency Medicine*, **2021**, 45, 303-308	2.9	3
50	Depression and heart rate variability in firefighters. *SAGE Open Medicine*, **2014**, 2, 2050312114545530	2.4	3
49	Lack of Significant Coronary History and ECG Misinterpretation Are the Strongest Predictors of Undertriage in Prehospital Chest Pain. *Journal of Emergency Nursing*, **2019**, 45, 161-168	1.3	3
48	The Association Between Patient Outcomes and the Initial Emergency Severity Index Triage Score in Patients With Suspected Acute Coronary Syndrome. *Journal of Cardiovascular Nursing*, **2020**, 35, 550-557	2.1	2
47	Arterial Stiffness Is Associated With QTc Interval Prolongation in Patients With Heart Failure. *Biological Research for Nursing*, **2018**, 20, 255-263	2.6	2
46	QRS Amplitude Variation During Monitoring. *American Journal of Critical Care*, **2016**, 25, 97-8	1.7	2
45	Implantable electrical devices. *American Journal of Critical Care*, **2013**, 22, 163-4	1.7	2

44	Exploring the complex interactions of baseline patient factors to improve nursing triage of acute coronary syndrome. *Research in Nursing and Health*, **2020**, 43, 356-364	2	1
43	Sudden shortness of breath and anxiety. *American Journal of Critical Care*, **2012**, 21, 453-4	1.7	1
42	Association between history of cancer and major adverse cardiovascular events in patients with chest pain presenting to the emergency department: a secondary analysis of a prospective cohort study. *European Journal of Emergency Medicine*, **2021**, 28, 64-69	2.3	1
41	The role of machine learning applications in diagnosing and assessing critical and non-critical CHD: a scoping review. *Cardiology in the Young*, **2021**, 31, 1770-1780	1	1
40	Novel ECG features and machine learning to optimize culprit lesion detection in patients with suspected acute coronary syndrome. *Journal of Electrocardiology*, **2021**, 69S, 31-37	1.4	1
39	Remote and Wearable ECG Devices with Diagnostic Abilities in Adults: A State-of-the-Science Scoping Review.. *Heart Rhythm*, **2022**,	6.7	1
38	Improving Corrected QT Interval Monitoring in Critical Care Units: A Single Center Report.. *Critical Care Nurse*, **2022**, 42, 33-43	1.6	0
37	Engaging clinicians early during the development of a graphical user display of an intelligent alerting system at the bedside.. *International Journal of Medical Informatics*, **2021**, 159, 104643	5.3	0
36	Performance and limitations of automated ECG interpretation statements in patients with suspected acute coronary syndrome. *Journal of Electrocardiology*, **2021**, 69S, 45-50	1.4	0
35	Modified HEART score to optimize risk stratification in cocaine-associated chest pain. *American Journal of Emergency Medicine*, **2021**, 47, 307-308	2.9	0
34	ECG Changes During Neurologic Injury. *American Journal of Critical Care*, **2015**, 24, 453-4	1.7	
33	Emergency evaluation of 12-lead ECGs. *American Journal of Critical Care*, **2013**, 22, 267-8	1.7	
32	Arrhythmias of noncardiac origin. *American Journal of Critical Care*, **2013**, 22, 445-6	1.7	
31	Syncope and cardiac rhythms. *American Journal of Critical Care*, **2013**, 22, 361-2	1.7	
30	ECG interpretation confounders. *American Journal of Critical Care*, **2013**, 22, 77-8	1.7	
29	Syncope: An Uncommon Presentation of Ischemic Cardiomyopathy. *Journal for Nurse Practitioners*, **2011**, 7, 385-391	0.6	
28	Dynamic conduction defects. *American Journal of Critical Care*, **2010**, 19, 301-2	1.7	
27	Asystole. *American Journal of Critical Care*, **2010**, 19, 84-5	1.7	

26	Exercise stress treadmill testing. *American Journal of Critical Care*, **2011**, 20, 259-60	1.7
25	Computerized algorithms. *American Journal of Critical Care*, **2011**, 20, 339-40	1.7
24	Bedside monitoring for transient myocardial ischemia. *American Journal of Critical Care*, **2011**, 20, 171-2	1.7
23	ECG screening of special populations. *American Journal of Critical Care*, **2012**, 21, 209-10	1.7
22	Indices of sudden cardiac death. *American Journal of Critical Care*, **2012**, 21, 365-6	1.7
21	Impaired impulse formation. *American Journal of Critical Care*, **2012**, 21, 293-4	1.7
20	Congenital anomaly. *American Journal of Critical Care*, **2012**, 21, 131-2	1.7
19	A new puzzler guide. *American Journal of Critical Care*, **2012**, 21, 68-70	1.7
18	Preoperative Screening 12-Lead Electrocardiogram Reveals Correctable Cardiac Conditions. *American Journal of Critical Care*, **2020**, 29, 493-494	1.7
17	Sinus Rhythm With Frequent Funny-Looking Beats. *American Journal of Critical Care*, **2020**, 29, 155-156	1.7
16	The Complexities of Wide Complex Tachycardias. *American Journal of Critical Care*, **2020**, 29, 325-326	1.7
15	The role of automated 12-lead ECG interpretation in the diagnosis and risk stratification of cardiovascular disease **2022**, 45-87	
14	Noteworthy Electrocardiographic Changes Following Pharmacologic Treatment of COVID-19. *American Journal of Critical Care*, **2020**, 29, 407-408	1.7
13	A Novel Non-Invasive Assessment of Cardiac Hemodynamics in Patients With Heart Failure and Atrial Fibrillation. *Cardiology Research*, **2020**, 11, 370-375	1.8
12	Arrhythmia Diagnosis and the 12-Lead Electrocardiogram: Seeing the Whole Picture. *American Journal of Critical Care*, **2020**, 29, 237-238	1.7
11	Transient Cardiac Rhythm Changes. *American Journal of Critical Care*, **2021**, 30, 483-484	1.7
10	Electrical Disturbance From a Systemic Disease. *American Journal of Critical Care*, **2020**, 29, 77-78	1.7
9	Electrocardiographic Features Associated With Obstructive Sleep Apnea. *American Journal of Critical Care*, **2021**, 30, 243-244	1.7

8	Exercise-Induced Arrhythmias. *American Journal of Critical Care*, **2021**, 30, 331-332	1.7
7	Repolarization Alterations in a Genetic Disorder. *American Journal of Critical Care*, **2016**, 25, 465-6	1.7
6	Evaluation of Extreme Bradyarrhythmias in Symptomatic Adults. *American Journal of Critical Care*, **2021**, 30, 83-84	1.7
5	Affirming Arrhythmia Diagnosis Using All Available Electrocardiography Leads. *American Journal of Critical Care*, **2021**, 30, 161-162	1.7
4	Overview of featurization techniques used in traditional versus emerging deep learning-based algorithms for automated interpretation of the 12-lead ECG. *Journal of Electrocardiology*, **2021**, 69S, 7-11	1.4
3	Refractory Angina Confounded by Preexcitation Syndrome. *American Journal of Critical Care*, **2021**, 30, 407-408	1.7
2	A Rhythmic Electrocardiographic Pattern in an Older Adult With Chest Pain.. *American Journal of Critical Care*, **2022**, 31, 167-168	1.7
1	556: USER-ENGAGED DESIGN OF A GRAPHICAL USER INTERFACE FOR INSTABILITY DECISION SUPPORT IN THE ICU. *Critical Care Medicine*, **2022**, 50, 269-269	1.4