

# Salah S Al-Zaiti

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Improving Corrected QT Interval Monitoring in Critical Care Units: A Single Center Report.. <i>Critical Care Nurse</i> , <b>2022</b> , 42, 33-43	1.6	0
78	The role of automated 12-lead ECG interpretation in the diagnosis and risk stratification of cardiovascular disease <b>2022</b> , 45-87		
77	Remote and Wearable ECG Devices with Diagnostic Abilities in Adults: A State-of-the-Science Scoping Review.. <i>Heart Rhythm</i> , <b>2022</b> ,	6.7	1
76	A Rhythmic Electrocardiographic Pattern in an Older Adult With Chest Pain.. <i>American Journal of Critical Care</i> , <b>2022</b> , 31, 167-168	1.7	
75	556: USER-ENGAGED DESIGN OF A GRAPHICAL USER INTERFACE FOR INSTABILITY DECISION SUPPORT IN THE ICU. <i>Critical Care Medicine</i> , <b>2022</b> , 50, 269-269	1.4	
74	The prognostic value of HEART score in patients with cocaine associated chest pain: An age-and-sex matched cohort study. <i>American Journal of Emergency Medicine</i> , <b>2021</b> , 45, 303-308	2.9	3
73	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. <i>European Journal of Emergency Medicine</i> , <b>2021</b> , 28, 64-69	2.3	1
72	Engaging clinicians early during the development of a graphical user display of an intelligent alerting system at the bedside.. <i>International Journal of Medical Informatics</i> , <b>2021</b> , 159, 104643	5.3	0
71	Transient Cardiac Rhythm Changes. <i>American Journal of Critical Care</i> , <b>2021</b> , 30, 483-484	1.7	
70	The role of machine learning applications in diagnosing and assessing critical and non-critical CHD: a scoping review. <i>Cardiology in the Young</i> , <b>2021</b> , 31, 1770-1780	1	1
69	Electrocardiographic Features Associated With Obstructive Sleep Apnea. <i>American Journal of Critical Care</i> , <b>2021</b> , 30, 243-244	1.7	
68	Exercise-Induced Arrhythmias. <i>American Journal of Critical Care</i> , <b>2021</b> , 30, 331-332	1.7	
67	Novel ECG features and machine learning to optimize culprit lesion detection in patients with suspected acute coronary syndrome. <i>Journal of Electrocardiology</i> , <b>2021</b> , 69S, 31-37	1.4	1
66	Evaluation of Extreme Bradyarrhythmias in Symptomatic Adults. <i>American Journal of Critical Care</i> , <b>2021</b> , 30, 83-84	1.7	
65	In Search of an Optimal Subset of ECG Features to Augment the Diagnosis of Acute Coronary Syndrome at the Emergency Department. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e017871	6	5
64	Affirming Arrhythmia Diagnosis Using All Available Electrocardiography Leads. <i>American Journal of Critical Care</i> , <b>2021</b> , 30, 161-162	1.7	
63	Performance and limitations of automated ECG interpretation statements in patients with suspected acute coronary syndrome. <i>Journal of Electrocardiology</i> , <b>2021</b> , 69S, 45-50	1.4	0

62	Overview of featurization techniques used in traditional versus emerging deep learning-based algorithms for automated interpretation of the 12-lead ECG. <i>Journal of Electrocardiology</i> , <b>2021</b> , 69S, 7-11	1.4	
61	Refractory Angina Confounded by Preexcitation Syndrome. <i>American Journal of Critical Care</i> , <b>2021</b> , 30, 407-408	1.7	
60	Modified HEART score to optimize risk stratification in cocaine-associated chest pain. <i>American Journal of Emergency Medicine</i> , <b>2021</b> , 47, 307-308	2.9	0
59	The Association Between Patient Outcomes and the Initial Emergency Severity Index Triage Score in Patients With Suspected Acute Coronary Syndrome. <i>Journal of Cardiovascular Nursing</i> , <b>2020</b> , 35, 550-557	2.1	2
58	Identifying the most important ECG predictors of reduced ejection fraction in patients with suspected acute coronary syndrome. <i>Journal of Electrocardiology</i> , <b>2020</b> , 61, 81-85	1.4	4
57	Exploring the complex interactions of baseline patient factors to improve nursing triage of acute coronary syndrome. <i>Research in Nursing and Health</i> , <b>2020</b> , 43, 356-364	2	1
56	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. <i>Circulation</i> , <b>2020</b> , 141, e705-e736	16.7	70
55	Preoperative Screening 12-Lead Electrocardiogram Reveals Correctable Cardiac Conditions. <i>American Journal of Critical Care</i> , <b>2020</b> , 29, 493-494	1.7	
54	Sinus Rhythm With Frequent Funny-Looking Beats. <i>American Journal of Critical Care</i> , <b>2020</b> , 29, 155-156	1.7	
53	The Complexities of Wide Complex Tachycardias. <i>American Journal of Critical Care</i> , <b>2020</b> , 29, 325-326	1.7	
52	Noteworthy Electrocardiographic Changes Following Pharmacologic Treatment of COVID-19. <i>American Journal of Critical Care</i> , <b>2020</b> , 29, 407-408	1.7	
51	A Novel Non-Invasive Assessment of Cardiac Hemodynamics in Patients With Heart Failure and Atrial Fibrillation. <i>Cardiology Research</i> , <b>2020</b> , 11, 370-375	1.8	
50	Arrhythmia Diagnosis and the 12-Lead Electrocardiogram: Seeing the Whole Picture. <i>American Journal of Critical Care</i> , <b>2020</b> , 29, 237-238	1.7	
49	Electrical Disturbance From a Systemic Disease. <i>American Journal of Critical Care</i> , <b>2020</b> , 29, 77-78	1.7	
48	Machine learning-based prediction of acute coronary syndrome using only the pre-hospital 12-lead electrocardiogram. <i>Nature Communications</i> , <b>2020</b> , 11, 3966	17.4	27
47	Diurnal, weekly and seasonal variations of chest pain in patients transported by emergency medical services. <i>Emergency Medicine Journal</i> , <b>2019</b> , 36, 601-607	1.5	4
46	Comparison of clinical risk scores for triaging high-risk chest pain patients at the emergency department. <i>American Journal of Emergency Medicine</i> , <b>2019</b> , 37, 461-467	2.9	12
45	Prevalence and Predictors of Delay in Seeking Emergency Care in Patients Who Call 9-1-1 for Chest Pain. <i>Journal of Emergency Medicine</i> , <b>2019</b> , 57, 603-610	1.5	8

44	Lack of Significant Coronary History and ECG Misinterpretation Are the Strongest Predictors of Undertriage in Prehospital Chest Pain. <i>Journal of Emergency Nursing</i> , <b>2019</b> , 45, 161-168	1.3	3
43	The role of heart rate variability, heart rate turbulence, and deceleration capacity in predicting cause-specific mortality in chronic heart failure. <i>Journal of Electrocardiology</i> , <b>2019</b> , 52, 70-74	1.4	8
42	Nonspecific electrocardiographic abnormalities are associated with increased length of stay and adverse cardiac outcomes in prehospital chest pain. <i>Heart and Lung: Journal of Acute and Critical Care</i> , <b>2019</b> , 48, 121-125	2.6	5
41	Arterial Stiffness Is Associated With QTc Interval Prolongation in Patients With Heart Failure. <i>Biological Research for Nursing</i> , <b>2018</b> , 20, 255-263	2.6	2
40	Spatial indices of repolarization correlate with non-ST elevation myocardial ischemia in patients with chest pain. <i>Medical and Biological Engineering and Computing</i> , <b>2018</b> , 56, 1-12	3.1	13
39	Evaluation of beat-to-beat ventricular repolarization lability from standard 12-lead ECG during acute myocardial ischemia. <i>Journal of Electrocardiology</i> , <b>2017</b> , 50, 717-724	1.4	4
38	Paroxysmal Supraventricular Tachycardia: Pathophysiology, Diagnosis, and Management. <i>Critical Care Nursing Clinics of North America</i> , <b>2016</b> , 28, 309-16	1.5	17
37	QRS Amplitude Variation During Monitoring. <i>American Journal of Critical Care</i> , <b>2016</b> , 25, 97-8	1.7	2
36	Repolarization Alterations in a Genetic Disorder. <i>American Journal of Critical Care</i> , <b>2016</b> , 25, 465-6	1.7	
35	ECG Changes During Neurologic Injury. <i>American Journal of Critical Care</i> , <b>2015</b> , 24, 453-4	1.7	
34	Clinical Utility of Ventricular Repolarization Dispersion for Real-Time Detection of Non-ST Elevation Myocardial Infarction in Emergency Departments. <i>Journal of the American Heart Association</i> , <b>2015</b> , 4,	6	14
33	Rationale, development, and implementation of the Electrocardiographic Methods for the Prehospital Identification of Non-ST Elevation Myocardial Infarction Events (EMPIRE). <i>Journal of Electrocardiology</i> , <b>2015</b> , 48, 921-6	1.4	20
32	The prognostic value of discordant T waves in lead aVR: A simple risk marker of sudden cardiac arrest in ischemic cardiomyopathy. <i>Journal of Electrocardiology</i> , <b>2015</b> , 48, 887-92	1.4	11
31	Inflammation-induced atrial fibrillation: pathophysiological perspectives and clinical implications. <i>Heart and Lung: Journal of Acute and Critical Care</i> , <b>2015</b> , 44, 59-62	2.6	8
30	Electrocardiographic Responses During Fire Suppression and Recovery Among Experienced Firefighters. <i>Journal of Occupational and Environmental Medicine</i> , <b>2015</b> , 57, 938-42	2	18
29	The Prevalence of Clinical and Electrocardiographic Risk Factors of Cardiovascular Death Among On-duty Professional Firefighters. <i>Journal of Cardiovascular Nursing</i> , <b>2015</b> , 30, 440-6	2.1	14
28	Electrocardiogram-based predictors of clinical outcomes: a meta-analysis of the prognostic value of ventricular repolarization. <i>Heart and Lung: Journal of Acute and Critical Care</i> , <b>2014</b> , 43, 516-26	2.6	11
27	Electrocardiographic predictors of sudden and non-sudden cardiac death in patients with ischemic cardiomyopathy. <i>Heart and Lung: Journal of Acute and Critical Care</i> , <b>2014</b> , 43, 527-33	2.6	9

26	Depression and heart rate variability in firefighters. <i>SAGE Open Medicine</i> , <b>2014</b> , 2, 2050312114545530	2.4	3
25	Holiday heart syndrome. <i>American Journal of Critical Care</i> , <b>2014</b> , 23, 171-2	1.7	6
24	Novel technical solutions for wireless ECG transmission & analysis in the age of the internet cloud. <i>Journal of Electrocardiology</i> , <b>2013</b> , 46, 540-5	1.4	17
23	Emergency evaluation of 12-lead ECGs. <i>American Journal of Critical Care</i> , <b>2013</b> , 22, 267-8	1.7	
22	Arrhythmias of noncardiac origin. <i>American Journal of Critical Care</i> , <b>2013</b> , 22, 445-6	1.7	
21	Syncope and cardiac rhythms. <i>American Journal of Critical Care</i> , <b>2013</b> , 22, 361-2	1.7	
20	Implantable electrical devices. <i>American Journal of Critical Care</i> , <b>2013</b> , 22, 163-4	1.7	2
19	ECG interpretation confounders. <i>American Journal of Critical Care</i> , <b>2013</b> , 22, 77-8	1.7	
18	High-risk electrocardiographic parameters are ubiquitous in patients with ischemic cardiomyopathy. <i>Annals of Noninvasive Electrocardiology</i> , <b>2012</b> , 17, 241-51	1.5	6
17	ECG screening of special populations. <i>American Journal of Critical Care</i> , <b>2012</b> , 21, 209-10	1.7	
16	Sudden shortness of breath and anxiety. <i>American Journal of Critical Care</i> , <b>2012</b> , 21, 453-4	1.7	1
15	Indices of sudden cardiac death. <i>American Journal of Critical Care</i> , <b>2012</b> , 21, 365-6	1.7	
14	Impaired impulse formation. <i>American Journal of Critical Care</i> , <b>2012</b> , 21, 293-4	1.7	
13	Congenital anomaly. <i>American Journal of Critical Care</i> , <b>2012</b> , 21, 131-2	1.7	
12	A new puzzler guide. <i>American Journal of Critical Care</i> , <b>2012</b> , 21, 68-70	1.7	
11	Sleep problems, depression, substance use, social bonding, and quality of life in professional firefighters. <i>Journal of Occupational and Environmental Medicine</i> , <b>2011</b> , 53, 928-33	2	169
10	A low-glycemic nutritional fitness program to reverse metabolic syndrome in professional firefighters: results of a pilot study. <i>Journal of Cardiovascular Nursing</i> , <b>2011</b> , 26, 298-304	2.1	26
9	Syncope: An Uncommon Presentation of Ischemic Cardiomyopathy. <i>Journal for Nurse Practitioners</i> , <b>2011</b> , 7, 385-391	0.6	

8	Increased T wave complexity can indicate subclinical myocardial ischemia in asymptomatic adults. <i>Journal of Electrocardiology</i> , <b>2011</b> , 44, 684-8	1.4	19
7	Exercise stress treadmill testing. <i>American Journal of Critical Care</i> , <b>2011</b> , 20, 259-60	1.7	
6	Computerized algorithms. <i>American Journal of Critical Care</i> , <b>2011</b> , 20, 339-40	1.7	
5	Coronary artery dominance. <i>American Journal of Critical Care</i> , <b>2011</b> , 20, 401-2	1.7	5
4	Bedside monitoring for transient myocardial ischemia. <i>American Journal of Critical Care</i> , <b>2011</b> , 20, 171-2	1.7	
3	Dynamic conduction defects. <i>American Journal of Critical Care</i> , <b>2010</b> , 19, 301-2	1.7	
2	Asystole. <i>American Journal of Critical Care</i> , <b>2010</b> , 19, 84-5	1.7	
1	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. <i>Journal of Electrocardiology</i> , <b>2010</b> , 43, 318-25	1.4	20