

Peter W Macfarlane

List of Publications by Citations

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59
papers

3,944
citations

24
h-index

62
g-index

68
ext. papers

4,955
ext. citations

8.2
avg, IF

4.6
L-index

#	Paper	IF	Citations
59	AHA/ACCF/HRS recommendations for the standardization and interpretation of the electrocardiogram: part IV: the ST segment, T and U waves, and the QT interval: a scientific statement from the American Heart Association Electrocardiography and Arrhythmias Committee, Council on Clinical Cardiology; the American College of Cardiology Foundation; and the Heart Rhythm Society. <i>Circulation</i> , 2009 , 119, 2310-2322	15.1	531
58	AHA/ACCF/HRS recommendations for the standardization and interpretation of the electrocardiogram: part III: intraventricular conduction disturbances: a scientific statement from the American Heart Association Electrocardiography and Arrhythmias Committee, Council on Clinical Cardiology; the American College of Cardiology Foundation; and the Heart Rhythm Society. <i>Circulation</i> , 2009 , 119, 2310-2322	15.1	491
57	The diagnostic performance of computer programs for the interpretation of electrocardiograms. <i>New England Journal of Medicine</i> , 1991 , 325, 1767-73	59.2	386
56	A comparison of commonly used QT correction formulae: the effect of heart rate on the QTc of normal ECGs. <i>Journal of Electrocardiology</i> , 2004 , 37 Suppl, 81-90	1.4	318
55	Recommendations for the standardization and interpretation of the electrocardiogram: part I: The electrocardiogram and its technology: a scientific statement from the American Heart Association Electrocardiography and Arrhythmias Committee, Council on Clinical Cardiology; the American College of Cardiology Foundation; and the Heart Rhythm Society. endorsed by the International Society for Computerized Electrocardiology. <i>Circulation</i> , 2007 , 115, 1306-24	16.7	313
54	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018 , 50, 1225-1233	36.3	277
53	The Early Repolarization Pattern: A Consensus Paper. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 470-7	15.1	229
52	AHA/ACCF/HRS recommendations for the standardization and interpretation of the electrocardiogram: part VI: acute ischemia/infarction: a scientific statement from the American Heart Association Electrocardiography and Arrhythmias Committee, Council on Clinical Cardiology; the American College of Cardiology Foundation; and the Heart Rhythm Society. Endorsed by the International Society for Computerized Electrocardiology. <i>Circulation</i> , 2009 , 119, 2310-2322	15.1	214
51	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , 2017 , 49, 946-952	36.3	176
50	Novel genetic markers associate with atrial fibrillation risk in Europeans and Japanese. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1200-1210	15.1	102
49	52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 1435-1448	15.1	76
48	Inappropriate and confusing electrocardiographic terms: J-wave syndromes and early repolarization. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 1584-6	15.1	61
47	Annotation of loci from genome-wide association studies using tissue-specific quantitative interaction proteomics. <i>Nature Methods</i> , 2014 , 11, 868-74	21.6	50
46	The incidence and risk factors for new onset atrial fibrillation in the PROSPER study. <i>Europace</i> , 2011 , 13, 634-9	3.9	47
45	Age, sex, and the ST amplitude in health and disease. <i>Journal of Electrocardiology</i> , 2001 , 34 Suppl, 235-41	1.4	47
44	Normal limits of the electrocardiogram in a Chinese population. <i>Journal of Electrocardiology</i> , 1989 , 22, 1-15	1.4	46
43	Comparison of automated measurements of electrocardiographic intervals and durations by computer-based algorithms of digital electrocardiographs. <i>American Heart Journal</i> , 2014 , 167, 150-159.e1	4.9	43

42	Automated electrocardiogram interpretation programs versus cardiologists' triage decision making based on teletransmitted data in patients with suspected acute coronary syndrome. <i>American Journal of Cardiology</i> , 2010 , 106, 1696-702	3	41
41	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. <i>Nature Communications</i> , 2018 , 9, 2904	17.4	39
40	Assessment of the Relationship Between Genetic Determinants of Thyroid Function and Atrial Fibrillation: A Mendelian Randomization Study. <i>JAMA Cardiology</i> , 2019 , 4, 144-152	16.2	36
39	10-Second heart rate variability and cognitive function in old age. <i>Neurology</i> , 2016 , 86, 1120-7	6.5	36
38	Resting heart rate, heart rate variability and functional decline in old age. <i>Cmaj</i> , 2015 , 187, E442-E449	3.5	33
37	Modification of ACC/ESC criteria for acute myocardial infarction. <i>Journal of Electrocardiology</i> , 2004 , 37 Suppl, 98-103	1.4	29
36	Normal limits of the electrocardiogram derived from a large database of Brazilian primary care patients. <i>BMC Cardiovascular Disorders</i> , 2017 , 17, 152	2.3	26
35	Causes of Prehospital Misinterpretations of ST Elevation Myocardial Infarction. <i>Prehospital Emergency Care</i> , 2017 , 21, 283-290	2.8	20
34	The Influence of Age and Sex on the Electrocardiogram. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1065, 93-106	3.6	18
33	Normal limits of the electrocardiogram in Nigerians. <i>Journal of Electrocardiology</i> , 2013 , 46, 289-95	1.4	18
32	End QRS notching or slurring in the electrocardiogram: influence on the definition of "early repolarization". <i>Journal of the American College of Cardiology</i> , 2012 , 60, 947-8	15.1	18
31	Personalized absolute benefit of statin treatment for primary or secondary prevention of vascular disease in individual elderly patients. <i>Clinical Research in Cardiology</i> , 2017 , 106, 58-68	6.1	17
30	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020 , 11, 2542	17.4	16
29	Automatic detection of end QRS notching or slurring. <i>Journal of Electrocardiology</i> , 2014 , 47, 151-4	1.4	16
28	Renaissance in electrocardiography. <i>Lancet, The</i> , 1999 , 353, 1377-9	40	16
27	Major Electrocardiographic Abnormalities According to the Minnesota Coding System Among Brazilian Adults (from the ELSA-Brasil Cohort Study). <i>American Journal of Cardiology</i> , 2017 , 119, 2081-2087	3.7	14
26	Sex- and Age-Related Reference Values in Cardiology, with Annotations and Guidelines for Interpretation. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1065, 677-706	3.6	14
25	Predictive value of newly detected atrial fibrillation paroxysms in patients with acute ischemic stroke, for atrial fibrillation after 90 days. <i>Stroke</i> , 2014 , 45, 2134-6	6.7	14

24	The Chief Scientist Office Cardiovascular and Pulmonary Imaging in SARS Coronavirus disease-19 (CISCO-19) study. <i>Cardiovascular Research</i> , 2020 , 116, 2185-2196	9.9	13
23	Rationale and design of the Medical Research Council Precision Medicine with Zibotentan in Microvascular Angina (PRIZE) trial. <i>American Heart Journal</i> , 2020 , 229, 70-80	4.9	12
22	Left Ventricular Hypertrophy and Cognitive Decline in Old Age. <i>Journal of Alzheimer's Disease</i> , 2017 , 58, 275-283	4.3	10
21	Normal limits of the electrocardiogram in Indians. <i>Journal of Electrocardiology</i> , 2015 , 48, 652-68	1.4	9
20	Novel electrocardiographic criteria for the diagnosis of arrhythmogenic right ventricular cardiomyopathy. <i>Europace</i> , 2016 , 18, 1420-6	3.9	8
19	J wave patterns--morphology, prevalence and nomenclature. <i>Journal of Electrocardiology</i> , 2013 , 46, 505-9	1.4	6
18	Demographic, multi-morbidity and genetic impact on myocardial involvement and its recovery from COVID-19: protocol design of COVID-HEART-a UK, multicentre, observational study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 77	6.9	6
17	ECG measurements in end QRS notching and slurring. <i>Journal of Electrocardiology</i> , 2013 , 46, 385-9	1.4	5
16	Liver enzymes are not directly involved in atrial fibrillation: a prospective cohort study. <i>European Journal of Clinical Investigation</i> , 2017 , 47, 583-590	4.6	5
15	Is electrocardiography still useful in the diagnosis of cardiac chamber hypertrophy and dilatation?. <i>Cardiology Clinics</i> , 2006 , 24, 401-11, ix	2.5	5
14	Can single-lead computerized electrocardiography predict myocardial infarction in young and middle-aged men? The Tromsø study. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 1999 , 6, 273-8		5
13	Evaluation of Mortality in Atrial Fibrillation: Clinical Outcomes in Digital Electrocardiography (CODE) Study. <i>Global Heart</i> , 2020 , 15, 48	2.9	5
12	Distinctive ECG patterns in healthy black adults. <i>Journal of Electrocardiology</i> , 2019 , 56, 15-23	1.4	4
11	Prevalence of ECGs Exceeding Thresholds for ST-Segment-Elevation Myocardial Infarction in Apparently Healthy Individuals: The Role of Ethnicity. <i>Journal of the American Heart Association</i> , 2020 , 9, e015477	6	4
10	New Criteria for LVH Should Be Evaluated Against Age. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 2206-2207	15.1	3
9	Role of subcutaneous implantable loop recorder for the diagnosis of arrhythmias in Brugada syndrome: A United Kingdom single-center experience. <i>Heart Rhythm</i> , 2021 ,	6.7	3
8	A counterpoint paper: Comments on the electrocardiographic part of the 2018 Fourth Universal Definition of Myocardial Infarction endorsed by the International Society of Electrocardiology and the International Society for Holter and Noninvasive Electrocardiology. <i>Annals of Noninvasive Electrocardiology</i> , 2020 , 25, e12786	1.5	2
7	Comparison of the spatial QRS-T angle derived from digital ECGs recorded using conventional electrode placement with that derived from Mason-Likar electrode position. <i>Journal of Electrocardiology</i> , 2016 , 49, 714-9	1.4	2

6	The Pierre Rijnant lecture 2007: the future of electrocardiography. <i>Anatolian Journal of Cardiology</i> , 2007 , 7 Suppl 1, 1-4		1
5	Electrocardiographic Predictors of Mortality: Data from a Primary Care Tele-Electrocardiography Cohort of Brazilian Patients. <i>Hearts</i> , 2021 , 2, 449-458	0.6	0
4	Morphology of normal resting electrocardiogram 2020 , 63-72		0
3	Computer Processing of the 12-Lead ECG. <i>Journal of Interventional Cardiac Electrophysiology</i> , 1997 , 1, 296-301		
2	Low-dose intracoronary alteplase during primary percutaneous coronary intervention in patients with acute myocardial infarction: the T-TIME three-arm RCT. <i>Efficacy and Mechanism Evaluation</i> , 2020 , 7, 1-86	1.7	
1	Standard and Precordial Leads Obtained With an Apple Watch. <i>Annals of Internal Medicine</i> , 2020 , 173, 249		8