Galen S Wagner

List of Publications by Year in Descending Order

214 papers	9,920 citations	44 h-index	94 g-index
223 ext. papers	11,044 ext. citations	4.1 avg, IF	5.13 L-index

#	Paper	IF	Citations
214	Prehospital electrocardiographic acuteness score of ischemia is inversely associated with neurohormonal activation in STEMI patients with severe ischemia. *Journal of Electrocardiology*, **2017**, 50, 90-96	1.4	3
213	The electromechanical substrate for response to cardiac resynchronization therapy in patients with right bundle branch block. *PACE - Pacing and Clinical Electrophysiology*, **2017**, 40, 1358-1367	1.6	2
212	Algorithm for the automatic computation of the modified Anderson-Wilkins acuteness score of ischemia from the pre-hospital ECG in ST-segment elevation myocardial infarction. *Journal of Electrocardiology*, **2017**, 50, 97-101	1.4	3
211	Automatic QRS Selvester scoring system in patients with left bundle branch block. *Europace*, **2016**, 18, 308-14	3.9	12
210	Ischemic QRS prolongation as a biomarker of severe myocardial ischemia. *Journal of Electrocardiology*, **2016**, 49, 139-47	1.4	6
209	Pre-hospital electrocardiographic severity and acuteness scores predict left ventricular function in patients with ST elevation myocardial infarction. *Journal of Electrocardiology*, **2016**, 49, 284-91	1.4	3
208	Evaluation of acute ischemia in pre-procedure ECG predicts myocardial salvage after primary PCI in STEMI patients with symptoms >12hours. *Journal of Electrocardiology*, **2016**, 49, 278-83	1.4	9
207	A 12-lead ECG-method for quantifying ischemia-induced QRS prolongation to estimate the severity of the acute myocardial event. *Journal of Electrocardiology*, **2016**, 49, 272-7	1.4	7
206	Left ventricular regional contraction abnormalities by echocardiographic speckle tracking in combined right bundle branch with left anterior fascicular block compared to left bundle branch block. *Journal of Electrocardiology*, **2016**, 49, 353-61	1.4	10
205	Scar burden assessed by Selvester QRS score predicts prognosis, not CRT clinical benefit in preventing heart failure event and death: A MADIT-CRT sub-study. *Journal of Electrocardiology*, **2016**, 49, 603-9	1.4	8
204	Validation of the vessel-specific leads (VSLs) for detection of acute ischemia on a dataset with non-ischemic ST-segment deviation. *Journal of Electrocardiology*, **2016**, 49, 800-806	1.4	1
203	Usefulness of His Bundle Pacing to Achieve Electrical Resynchronization in Patients With Complete Left Bundle Branch Block and the Relation Between Native QRS Axis, Duration, and Normalization. *American Journal of Cardiology*, **2016**, 118, 527-34	3	36
202	Prevalence of manual Strauss LBBB criteria in patients diagnosed with the automated Glasgow LBBB criteria. *Journal of Electrocardiology*, **2015**, 48, 558-64	1.4	8
201	Selvester scoring in patients with strict LBBB using the QUARESS software. *Journal of Electrocardiology*, **2015**, 48, 763-8	1.4	4
200	Incidence of strict versus nonstrict left bundle branch block after transcatheter aortic valve replacement. *American Heart Journal*, **2015**, 169, 438-44	4.9	9
199	Specificity for each of the 46 criteria of the Selvester QRS score for electrocardiographic myocardial scar sizing in left bundle branch block. *Journal of Electrocardiology*, **2015**, 48, 769-76	1.4	7
198	Validation of improved vessel-specific leads (VSLs) for detecting acute myocardial ischemia. *Journal of Electrocardiology*, **2015**, 48, 1032-9	1.4	8

197	Performance of ST and ventricular gradient difference vectors in electrocardiographic detection of acute myocardial ischemia. *Journal of Electrocardiology*, **2015**, 48, 498-504	1.4	11
196	Comparison of model-based and expert-rule based electrocardiographic identification of the culprit artery in patients with acute coronary syndrome. *Journal of Electrocardiology*, **2015**, 48, 483-9	1.4	7
195	The classical versus the Cabrera presentation system for resting electrocardiography: Impact on recognition and understanding of clinically important electrocardiographic changes. *Journal of Electrocardiology*, **2015**, 48, 476-82	1.4	7
194	Immediate mechanical effects of acute left bundle branch block by speckle tracked strain. *Journal of Electrocardiology*, **2015**, 48, 643-51	1.4	10
193	Influence of QRS infarct score and QRS duration prior to transcatheter aortic valve replacement on follow-up left ventricular end systolic volume in patients with new persistent left bundle branch block. *Journal of Electrocardiology*, **2015**, 48, 637-42	1.4	4
192	A mismatch index based on the difference between measured left ventricular ejection fraction and that estimated by infarct size at three months following reperfused acute myocardial infarction. *Journal of Electrocardiology*, **2014**, 47, 191-6	1.4	2
191	Pre-hospital evaluation of electrocardiographic grade 3 ischemia predicts infarct progression and final infarct size in ST elevation myocardial infarction patients treated with primary percutaneous coronary intervention. *Journal of Electrocardiology*, **2014**, 47, 556-65	1.4	9
190	The 24-lead ECG display for enhanced recognition of STEMI-equivalent patterns in the 12-lead ECG. *Journal of Electrocardiology*, **2014**, 47, 425-9	1.4	4
189	Electrocardiographic detection of right ventricular pressure overload in patients with suspected pulmonary hypertension. *Journal of Electrocardiology*, **2014**, 47, 175-82	1.4	25
188	An electrocardiographic sign of ischemic preconditioning. *American Journal of Physiology - Heart and Circulatory Physiology*, **2014**, 307, H80-7	5.2	7
187	The STAFF studies of the first 5 minutes of percutaneous coronary angioplasty balloon occlusion in man. *Journal of Electrocardiology*, **2014**, 47, 402-7	1.4	16
186	Availability of a baseline Electrocardiogram changes the application of the Sclarovsky-Birnbaum Myocardial Ischemia Grade. *Journal of Electrocardiology*, **2014**, 47, 571-6	1.4	3
185	The stability of myocardial area at risk estimated electrocardiographically in patients with ST elevation myocardial infarction. *Journal of Electrocardiology*, **2014**, 47, 540-5	1.4	4
184	Olson method for locating and calculating the extent of transmural ischemic areas at risk of infarction. *Journal of Electrocardiology*, **2014**, 47, 430-7	1.4	5
183	Comparison of the relation between left ventricular anatomy and QRS duration in patients with cardiomyopathy with versus without left bundle branch block. *American Journal of Cardiology*, **2014** , 113, 1717-22	3	25
182	Right, but not left, bundle branch block is associated with large anteroseptal scar. *Journal of the American College of Cardiology*, **2013**, 62, 959-67	15.1	42
181	The left bundle-branch block puzzle in the 2013 ST-elevation myocardial infarction guideline: from falsely declaring emergency to denying reperfusion in a high-risk population. Are the Sgarbossa Criteria ready for prime time?. *American Heart Journal*, **2013**, 166, 409-13	4.9	45
180	Localization of myocardial scar in patients with cardiomyopathy and left bundle branch block using electrocardiographic Selvester QRS scoring. *Journal of Electrocardiology*, **2013**, 46, 249-55	1.4	13

179	Relationships between cardiac magnetic resonance imaging abnormalities in the inter-ventricular septum and Selvester QRS scoring criteria for anterior-septal myocardial infarction in patients with right ventricular volume overload. *Journal of Electrocardiology*, **2013**, 46, 256-62	1.4	7
178	Consideration of QRS complex in addition to ST segment abnormalities in the estimation of the "risk region" during acute inferior myocardial infarction. *Journal of Electrocardiology*, **2013**, 46, 215-20	1.4	14
177	Ischemia Index to predict post coronary artery bypass graft change in left ventricular ejection fraction. *Journal of Electrocardiology*, **2013**, 46, 235-9	1.4	3
176	The predictive value of an ECG-estimated Acute Ischemia Index for prognosis of myocardial salvage and infarct healing 3months following inferior ST-elevated myocardial infarction. *Journal of Electrocardiology*, **2013**, 46, 221-8	1.4	5
175	Discrimination of ST deviation caused by acute coronary occlusion from normal variants and other abnormal conditions, using computed electrocardiographic imaging based on 12-lead ECG. *Journal of Electrocardiology*, **2013**, 46, 197-203	1.4	8
174	Left ventricular mechanical dyssynchrony by cardiac magnetic resonance is greater in patients with strict vs nonstrict electrocardiogram criteria for left bundle-branch block. *American Heart Journal*, **2013**, 165, 956-63	4.9	21
173	Comparison of Selvester QRS score with magnetic resonance imaging measured infarct size in patients with ST elevation myocardial infarction. *Journal of Electrocardiology*, **2012**, 45, 414-419	1.4	19
172	An ECG index of myocardial scar enhances prediction of defibrillator shocks: an analysis of the Sudden Cardiac Death in Heart Failure Trial. *Heart Rhythm*, **2011**, 8, 38-45	6.7	47
171	High-frequency electrocardiogram as a supplement to standard 12-lead ischemia monitoring during reperfusion therapy of acute inferior myocardial infarction. *Journal of Electrocardiology*, **2011**, 44, 11-7	1.4	6
170	The stability of the ST segment estimation of myocardial area at risk between the prehospital and hospital electrocardiograms in patients with ST elevation myocardial infarction. *Journal of Electrocardiology*, **2011**, 44, 363-9	1.4	14
169	Consideration of QRS complex in addition to ST-segment abnormalities in the estimated "risk region" during acute anterior myocardial infarction. *Journal of Electrocardiology*, **2011**, 44, 370-6	1.4	16
168	The relationship between initial ST-segment deviation and final QRS complex changes related to the posterolateral wall in acute inferior myocardial infarction. *Journal of Electrocardiology*, **2011**, 44, 509-15	1.4	4
167	Defining left bundle branch block in the era of cardiac resynchronization therapy. *American Journal of Cardiology*, **2011**, 107, 927-34	3	384
166	Association between ST segment Resolution following Fibrinolytic therapy or Intracoronary stenting, and Reinfarction in the same myocardial region in the DANAMI-2 study population. *Cardiovascular Revascularization Medicine*, **2011**, 12, 75-81	1.6	2
165	Consideration of the impact of reperfusion therapy on the quantitative relationship between the Selvester QRS score and infarct size by cardiac MRI. *Annals of Noninvasive Electrocardiology*, **2010**, 15, 238-44	1.5	13
164	Comparison of serial measurements of infarct size and left ventricular ejection fraction by contrast-enhanced cardiac magnetic resonance imaging and electrocardiographic QRS scoring in reperfused anterior ST-elevation myocardial infarction. *Journal of Electrocardiology*, **2010**, 43, 230-6	1.4	22
163	Differences in QRS axis measurements, classification of inferior myocardial infarction, and noise tolerance for 12-lead electrocardiograms acquired from monitoring electrode positions compared to standard locations. *American Journal of Cardiology*, **2010**, 106, 581-6	3	14
162	Usefulness of the QRS score as a strong prognostic marker in patients discharged after undergoing primary percutaneous coronary intervention for ST-segment elevation myocardial infarction. *American Journal of Cardiology*, **2010**, 106, 630-4	3	29

161	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: endorsed by the International Society for Computerized Electrocardiology. *Circulation*, **2009**, 119, e235-40	16.7	236
160	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. *Circulation*, **2009**, 119, e241-50	16.7	91
159	EASI-Derived vs standard 12-lead electrocardiogram for Selvester QRS score estimations of chronic myocardial infarct size, using cardiac magnetic resonance imaging as gold standard. *Journal of Electrocardiology*, **2009**, 42, 145-51	1.4	9
158	Location of myocardium at risk in patients with first-time ST-elevation infarction: comparison among single photon emission computed tomography, magnetic resonance imaging, and electrocardiography. *Journal of Electrocardiology*, **2009**, 42, 198-203	1.4	11
157	Comparison of the correlation of the Selvester QRS scoring system with cardiac contrast-enhanced magnetic resonance imaging-measured acute myocardial infarct size in patients with and without thrombolytic therapy. *Journal of Electrocardiology*, **2009**, 42, 139-44	1.4	11
156	ST resolution 1 hour after fibrinolysis for prediction of myocardial infarct size: insights from ASSENT 3. *American Journal of Cardiology*, **2009**, 103, 154-8	3	3
155	Comparison between contrast-enhanced magnetic resonance imaging and Selvester QRS scoring system in estimating changes in infarct size between the acute and chronic phases of myocardial infarction. *Annals of Noninvasive Electrocardiology*, **2009**, 14, 360-5	1.5	21
154	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: endorsed by the International Society for Computerized Electrocardiology. *Journal of the American College of Cardiology*, **2009**, 53, 976-81	15.1	491
153	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: endorsed by the International Society for Computerized Electrocardiology. *Journal of the American College of Cardiology*, **2009**, 53, 982-91	15.1	531
152	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. *Journal of the American College of Cardiology*, **2009**, 53, 992-1002	15.1	214
151	Potential solutions for providing standard electrocardiogram recordings from nonstandard recording sites. *Journal of Electrocardiology*, **2008**, 41, 207-10	1.4	6
150	Use of the 24-lead "standard" electrocardiogram to identify the site of acute coronary occlusion. A review paper. *Journal of Electrocardiology*, **2008**, 41, 238-44	1.4	10
149	Comparison of infarct size changes with delayed contrast-enhanced magnetic resonance imaging and electrocardiogram QRS scoring during the 6 months after acutely reperfused myocardial infarction. *Journal of Electrocardiology*, **2008**, 41, 609-13	1.4	18
148	Proximal placement of limb electrodes: a potential solution for acquiring standard electrocardiogram waveforms from monitoring electrode positions. *Journal of Electrocardiology*, **2008**, 41, 454-7	1.4	11
147	ECG quantification of myocardial scar in cardiomyopathy patients with or without conduction defects: correlation with cardiac magnetic resonance and arrhythmogenesis. *Circulation: Arrhythmia and Electrophysiology*, **2008**, 1, 327-36	6.4	102
146	ST-segment recovery and outcome after primary percutaneous coronary intervention for ST-elevation myocardial infarction: insights from the Assessment of Pexelizumab in Acute Myocardial Infarction (APEX-AMI) trial. *Circulation*, **2008**, 118, 1335-46	16.7	121
145	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. *Journal of the American College of Cardiology*, **2007**, 49, 1109-27	15.1	347
144	Recommendations for the standardization and interpretation of the electrocardiogram: part II: electrocardiography diagnostic statement list 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. *Journal of the American College of Cardiology*, **2007**, 49, 1128-35	15.1	80

143	ST-segment deviation analysis of the admission 12-lead electrocardiogram as an aid to early diagnosis of acute myocardial infarction with a cardiac magnetic resonance imaging gold standard. *Journal of the American College of Cardiology*, **2007**, 50, 1021-8	15.1	73
142	The endocardial extent of reperfused first-time myocardial infarction is more predictive of pathologic Q waves than is infarct transmurality: a magnetic resonance imaging study. *Clinical Physiology and Functional Imaging*, **2007**, 27, 101-8	2.4	21
141	Comparison of the Selvester QRS scoring system applied on standard versus high-resolution electrocardiographic recordings. *Journal of Electrocardiology*, **2007**, 40, 288-91	1.4	2
140	The value of both ST-segment and QRS complex changes during acute coronary occlusion for prediction of reperfusion-induced myocardial salvage in a canine model. *Journal of Electrocardiology*, **2007**, 40, 18-25	1.4	29
139	Paramedic transtelephonic communication to cardiologist of clinical and electrocardiographic assessment for rapid reperfusion of ST-elevation myocardial infarction. *Journal of Electrocardiology*, **2007**, 40, 265-70	1.4	31
138	Timing of ischemic onset estimated from the electrocardiogram is better than historical timing for predicting outcome after reperfusion therapy for acute anterior myocardial infarction: a DANish trial in Acute Myocardial Infarction 2 (DANAMI-2) substudy. *American Heart Journal*, **2007**, 154, 61.e1-8	4.9	23
137	Usefulness of quantitative baseline ST-segment elevation for predicting outcomes after primary coronary angioplasty or fibrinolysis (results from the DANAMI-2 trial). *American Journal of Cardiology*, **2006**, 97, 611-6	3	15
136	Effectiveness of prehospital wireless transmission of electrocardiograms to a cardiologist via hand-held device for patients with acute myocardial infarction (from the Timely Intervention in Myocardial Emergency, NorthEast Experience [TIME-NE]). *American Journal of Cardiology*, **2006**, 98, 1160-4	3	100
135	Development of an automated Selvester Scoring System for estimating the size of myocardial infarction from the electrocardiogram. *Journal of Electrocardiology*, **2006**, 39, 162-8	1.4	22
134	Comparison of EASI-derived 12-lead electrocardiograms versus paramedic-acquired 12-lead electrocardiograms using Mason-Likar limb lead configuration in patients with chest pain. *Journal of Electrocardiology*, **2006**, 39, 13-21	1.4	16
133	Serial changes in the high-frequency ECG during the first year following acute myocardial infarction. *Clinical Physiology and Functional Imaging*, **2006**, 26, 296-300	2.4	4
132	Quantitative T-wave analysis predicts 1 year prognosis and benefit from early invasive treatment in the FRISC II study population. *European Heart Journal*, **2005**, 26, 112-8	9.5	21
131	Extent of ST-segment depression and cardiac events in non-ST-segment elevation acute coronary syndromes. *European Heart Journal*, **2005**, 26, 2106-13	9.5	58
130	A dynamic model forecasting myocardial infarct size before, during, and after reperfusion therapy: an ASSENT-2 ECG/VCG substudy. *European Heart Journal*, **2005**, 26, 1726-33	9.5	10
129	Electrocardiographic infarct size assessment after thrombolysis: insights from the Acute Myocardial Infarction STudy ADenosine (AMISTAD) trial. *American Heart Journal*, **2005**, 150, 659-65	4.9	17
128	Size and transmural extent of first-time reperfused myocardial infarction assessed by cardiac magnetic resonance can be estimated by 12-lead electrocardiogram. *American Heart Journal*, **2005**, 150, 920	4.9	44
127	Comparison of ST-segment resolution with combined fibrinolytic and glycoprotein IIb/IIIa inhibitor therapy versus fibrinolytic alone (data from four clinical trials). *American Journal of Cardiology*, **2005**, 95, 611-4	3	21
126	Comparison between human and automated electrocardiographic waveform measurements for calculating the Anderson-Wilkins acuteness score in patients with acute myocardial infarction. *Journal of Electrocardiology*, **2005**, 38, 96-9	1.4	15

125	Where is the central terminal located? In search of understanding the use of the Wilson central terminal for production of 9 of the standard 12 electrocardiogram leads. *Journal of Electrocardiology*, **2005**, 38, 119-27	1.4	15
124	Consideration of the total ST-segment deviation on the initial electrocardiogram for predicting final acute posterior myocardial infarct size in patients with maximum ST-segment deviation as depression in leads V1 through V3. A FRISC II substudy. *Journal of Electrocardiology*, **2005**, 38, 180-6	1.4	8
123	An Academic ECG Core Lab Perspective of the FDA Initiative for Digital ECG Capture and Data Management in Large-Scale Clinical Trials. *Drug Information Journal*, **2005**, 39, 345-351		1
122	Reduced high-frequency QRS components in patients with ischemic heart disease compared to normal subjects. *Journal of Electrocardiology*, **2004**, 37, 157-62	1.4	27
121	Aborted myocardial infarction in patients with ST-segment elevation: insights from the Assessment of the Safety and Efficacy of a New Thrombolytic Regimen-3 Trial Electrocardiographic Substudy. *Journal of the American College of Cardiology*, **2004**, 44, 38-43	15.1	89
120	Combining baseline clinical descriptors and real-time response to therapy: the incremental prognostic value of continuous ST-segment monitoring in acute myocardial infarction. *American Heart Journal*, **2004**, 147, 698-704	4.9	12
119	Prognostic value of predischarge electrocardiographic measurement of infarct size after thrombolysis: insights from GUSTO I Economics and Quality of Life substudy. *American Heart Journal*, **2004**, 148, 795-802	4.9	15
118	ST-segment monitoring in patients with acute coronary syndromes. *Current Cardiology Reports*, **2003**, 5, 278-83	4.2	7
117	The supplementary effect of QRS changes on the inverse relationship between ST changes and salvage: testing the Sclarovsky/Birnbaum clinical method in the basic Jennings/Reimer model. *Journal of Electrocardiology*, **2003**, 36 Suppl, 13-6	1.4	2
116	The relative accuracies of ECG precordial lead waveforms derived from EASI leads and those acquired from paramedic applied standard leads. *Journal of Electrocardiology*, **2003**, 36, 179-85	1.4	19
115	Prognostic importance of new small Q waves following non-ST-elevation acute coronary syndromes. *American Journal of Medicine*, **2003**, 115, 613-9	2.4	5
114	Quantitative clinical assessment of chronic anterior myocardial infarction with delayed enhancement magnetic resonance imaging and QRS scoring. *American Heart Journal*, **2003**, 146, 359-66	4.9	43
113	Clinical and angiographic characteristics of patients with combined anterior and inferior ST-segment elevation on the initial electrocardiogram during acute myocardial infarction. *American Heart Journal*, **2003**, 146, 653-61	4.9	39
112	"Mirror-lake" serial relationship of electrocardiographic and biochemical indices for the detection of reperfusion and the prediction of salvage in patients with acute myocardial infarction. *American Heart Journal*, **2003**, 146, 757-63	4.9	7
111	A modified Anderson-Wilkins electrocardiographic acuteness score for anterior or inferior myocardial infarction. *American Heart Journal*, **2003**, 146, 797-803	4.9	21
110	Evaluation of advanced electrocardiographic diagnostic software for detection of prior myocardial infarction. *American Journal of Cardiology*, **2002**, 89, 75-9	3	8
109	Thresholds for the electrocardiographic change range of biochemical markers of acute myocardial infarction (GUSTO-IIa data). *American Journal of Cardiology*, **2002**, 90, 233-7	3	15
108	Electrocardiographic ST-segment changes during acute myocardial ischemia. *Journal of Interventional Cardiac Electrophysiology*, **2002**, 6, 196-203		21

107	A new method for using the direction of ST-segment deviation to localize the site of acute coronary occlusion: the 24-view standard electrocardiogram. *American Journal of Medicine*, **2002**, 113, 75-8	2.4	24
106	Revascularization improves survival in ischemic cardiomyopathy regardless of electrocardiographic criteria for prior small-to-medium myocardial infarcts. *American Heart Journal*, **2002**, 143, 111-7	4.9	13
105	Comparison of primary coronary angioplasty versus thrombolysis in patients with ST-segment elevation acute myocardial infarction and grade II and grade III myocardial ischemia on the enrollment electrocardiogram. *American Journal of Cardiology*, **2001**, 88, 842-7	3	27
104	Prediction of the extent and severity of left ventricular dysfunction in anterior acute myocardial infarction by the admission electrocardiogram. *American Heart Journal*, **2001**, 141, 915-24	4.9	44
103	An economic analysis of an aggressive diagnostic strategy with single photon emission computed tomography myocardial perfusion imaging and early exercise stress testing in emergency department patients who present with chest pain but nondiagnostic electrocardiograms: results from a randomized trial. *Annals of Emergency Medicine*, **2000**, 35, 17-25	2.1	77
102	Moving toward a new definition of acute myocardial infarction for the 21st century: status of the ESC/ACC consensus conference. European Society of Cardiology and American College of Cardiology. *Journal of Electrocardiology*, **2000**, 33 Suppl, 57-9	1.4	17
101	The correlation between presenting ST-segment depression and the final size of acute myocardial infarcts in patients with acute coronary syndromes. *Journal of Electrocardiology*, **2000**, 33 Suppl, 61-3	1.4	6
100	Relation between evolutionary ST segment and T-wave direction and electrocardiographic prediction of mycardial infarct size and left ventricular function among patients with anterior wall Q-wave acute myocardial infarction who received reperfusion therapy. *American Journal of Cardiology*, **2000**, 85, 927-33	3	22
99	Interobserver agreement in the electrocardiographic diagnosis of acute myocardial infarction in patients with left bundle branch block. *Annals of Emergency Medicine*, **2000**, 36, 566-71	2.1	17
98	Spatial, individual, and temporal variation of the high-frequency QRS amplitudes in the 12 standard electrocardiographic leads. *American Heart Journal*, **2000**, 139, 352-358	4.9	34
97	Changes in high-frequency QRS components are more sensitive than ST-segment deviation for detecting acute coronary artery occlusion. *Journal of the American College of Cardiology*, **2000**, 36, 1827-34	15.1	93
96	Prognostic implications of TIMI flow grade in the infarct related artery compared with continuous 12-lead ST-segment resolution analysis. Reexamining the "gold standard" for myocardial reperfusion assessment. *Journal of the American College of Cardiology*, **2000**, 35, 666-72	15.1	124
95	Effects of revascularization after first acute myocardial infarction on the evolution of QRS complex changes (the DANAMI trial). DANish Trial in Acute Myocardial Infarction. *American Journal of Cardiology*, **1999**, 83, 488-92	3	11
94	Combined historical and electrocardiographic timing of acute anterior and inferior myocardial infarcts for prediction of reperfusion achievable size limitation. *American Journal of Cardiology*, **1999**, 83, 826-31	3	27
93	Terminal QRS distortion on admission is better than ST-segment measurements in predicting final infarct size and assessing the Potential effect of thrombolytic therapy in anterior wall acute myocardial infarction. *American Journal of Cardiology*, **1999**, 84, 530-4	3	43
92	"Add-on" research in clinical trials: are we asking the right questions?. *Journal of Electrocardiology*, **1999**, 32 Suppl, 108-10	1.4	3
91	The use of tomographic myocardial perfusion scanning to evaluate an electrocardiographic salvage estimation method in patients with acute myocardial infarction: an AMISTAD substudy. Acute Myocardial Infarction Study Adenosine. *Journal of Electrocardiology*, **1999**, 32 Suppl, 111-3	1.4	3
90	ECG subanalyses in clinical trials: an investigator's perspective. *Journal of Electrocardiology*, **1999**, 32 Suppl, 114-21	1.4	2

89	The initial electrocardiographic pattern in acute myocardial infarction: correlation with infarct size. *Journal of Electrocardiology*, **1999**, 32 Suppl, 122-8	1.4	18
88	Left Bundle-Branch Block and the ECG in Diagnosis of Acute Myocardial Infarction. *JAMA - Journal of the American Medical Association*, **1999**, 282, 1224	27.4	
87	Comparison of the various electrocardiographic scoring codes for estimating anatomically documented sizes of single and multiple infarcts of the left ventricle. *American Journal of Cardiology*, **1998**, 81, 809-15	3	44
86	Higher T-wave amplitude associated with better prognosis in patients receiving thrombolytic therapy for acute myocardial infarction (a GUSTO-I substudy). Global Utilization of Streptokinase and Tissue plasminogen Activator for Occluded Coronary Arteries. *American Journal of Cardiology*,	3	22
85	Acute myocardial infarction and complete bundle branch block at hospital admission: clinical characteristics and outcome in the thrombolytic era. GUSTO-I Investigators. Global Utilization of Streptokinase and t-PA [tissue-type plasminogen activator] for Occluded Coronary Arteries. *Journal of the American College of Cardiology*, **1998**, 31, 105-10	15.1	106
84	Specificity of electrocardiographic myocardial infarction screening criteria in patients with nonischemic cardiomyopathies. *American Heart Journal*, **1998**, 136, 314-9	4.9	3
83	Comparison of teaching the basic electrocardiographic concept of frontal plane QRS axis using the classical versus the orderly electrocardiogram limb lead displays. *American Heart Journal*, **1997**, 134, 1014-8	4.9	20
82	Admission prediction of expected final myocardial infarct size using weighted ST-segment, Q wave, and T wave measurements. *Journal of Electrocardiology*, **1997**, 30, 1-7	1.4	12
81	Cardiac troponin T levels for risk stratification in acute myocardial ischemia. GUSTO IIA Investigators. *New England Journal of Medicine*, **1996**, 335, 1333-41	59.2	919
80	Electrocardiographic diagnosis of evolving acute myocardial infarction in the presence of left bundle-branch block. GUSTO-1 (Global Utilization of Streptokinase and Tissue Plasminogen Activator for Occluded Coronary Arteries) Investigators. *New England Journal of Medicine*, **1996**,	59.2	446
79	Relation between symptom duration before thrombolytic therapy and final myocardial infarct size. *Circulation*, **1996**, 93, 48-53	16.7	49
78	Appearance of abnormal Q waves early in the course of acute myocardial infarction: implications for efficacy of thrombolytic therapy. *Journal of the American College of Cardiology*, **1995**, 25, 1084-8	15.1	46
77	Estimates of myocardium at risk and collateral flow in acute myocardial infarction using electrocardiographic indexes with comparison to radionuclide and angiographic measures. *Journal of the American College of Cardiology*, **1995**, 26, 388-93	15.1	89
76	T wave amplitudes in normal populations. Variation with ECG lead, sex, and age. *Journal of Electrocardiology*, **1995**, 28, 191-7	1.4	39
75	Changes in high-frequency QRS components during prolonged coronary artery occlusion in humans. *Journal of Electrocardiology*, **1995**, 28 Suppl, 225-7	1.4	14
74	An electrocardiographic acuteness score for quantifying the timing of a myocardial infarction to guide decisions regarding reperfusion therapy. *American Journal of Cardiology*, **1995**, 75, 617-20	3	42
73	Amyloid disease of the heart. *Clinical Cardiology*, **1994**, 17, 619-22	3.3	3
72	Variability of acute ST-segment predicted myocardial infarct size in the absence of thrombolytic therapy. *American Journal of Cardiology*, **1994**, 74, 174-7	3	7

71	Simultaneous ST-segment measurements using standard and monitoring-compatible torso limb lead placements at rest and during coronary occlusion. *American Journal of Cardiology*, **1994**, 74, 997-1001	3	23
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