Galen S Wagner

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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	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
213	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, 986-91	15.1	531
212	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
211	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**, 334, 481-7	59.2	446
210	Defining left bundle branch block in the era of cardiac resynchronization therapy. *American Journal of Cardiology*, **2011**, 107, 927-34	3	384
209	Prognostic value of a coronary artery jeopardy score. *Journal of the American College of Cardiology*, **1985**, 5, 1055-63	15.1	374
208	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. *Circulation*, **2007**, 115, 1306-24	15.1	347
207	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
206	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, 1085-92	15.1	214
205	Evaluation of a QRS scoring system for estimating myocardial infarct size. II. Correlation with quantitative anatomic findings for anterior infarcts. *American Journal of Cardiology*, **1982**, 49, 1604-14	3	213
204	A QRS scoring system for assessing left ventricular function after myocardial infarction. *New England Journal of Medicine*, **1982**, 306, 4-9	59.2	209
203	The importance of identification of the myocardial-specific isoenzyme of creatine phosphokinase (MB form) in the diagnosis of acute myocardial infarction. *Circulation*, **1973**, 47, 263-9	16.7	208
202	Use of initial ST-segment deviation for prediction of final electrocardiographic size of acute myocardial infarcts. *American Journal of Cardiology*, **1988**, 61, 749-53	3	191
201	Evaluation of a QRS scoring system for estimating myocardial infarct size. V. Specificity and method of application of the complete system. *American Journal of Cardiology*, **1985**, 55, 1485-90	3	162
200	Evaluation of a QRS scoring system for estimating myocardial infarct size. III. Correlation with quantitative anatomic findings for inferior infarcts. *American Journal of Cardiology*, **1983**, 51, 382-9	3	161
199	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
198	Changes in standard electrocardiographic ST-segment elevation predictive of successful reperfusion in acute myocardial infarction. *American Journal of Cardiology*, **1990**, 66, 1407-11	3	123

197	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
196	Evaluation of a QRS scoring system for estimating myocardial infarct size. IV. Correlation with quantitative anatomic findings for posterolateral infarcts. *American Journal of Cardiology*, **1984**, 53, 706-14	3	121
195	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
194	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
193	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
192	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
191	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, e262-70	16.7	91
190	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
189	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
188	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. *Circulation*, **2009**, 119, e251-61	15.1	80
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186	Invalidation of the resting electrocardiogram obtained via exercise electrode sites as a standard 12-lead recording. *American Journal of Cardiology*, **1989**, 63, 35-9	3	77
185	Prognostic significance of precordial ST-segment depression during inferior acute myocardial infarction. *American Journal of Cardiology*, **1985**, 55, 325-9	3	76
184	Accuracy and interobserver variability of coronary cineangiography: a comparison with postmortem evaluation. *Journal of the American College of Cardiology*, **1984**, 3, 1145-54	15.1	74
183	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
182	Evaluation of a QRS scoring system for estimating myocardial infarct size. VI: Identification of screening criteria for non-acute myocardial infarcts. *American Journal of Cardiology*, **1988**, 61, 729-33	3	73
181	Diagnostic and prognostic significance of minimally elevated creatine kinase-MB in suspected acute myocardial infarction. *American Journal of Cardiology*, **1985**, 55, 1478-84	3	70
180	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

179	Evaluation of formulas for estimating the final size of acute myocardial infarcts from quantitative ST-segment elevation on the initial standard 12-lead ECG. *Journal of Electrocardiology*, **1991**, 24, 77-83	1.4	51
178	Prognostic value of the simplified Selvester QRS score in patients with coronary artery disease. *Journal of the American College of Cardiology*, **1988**, 11, 35-41	15.1	51
177	Identification of the optimal electrocardiographic leads for detecting acute epicardial injury in acute myocardial infarction. *American Journal of Cardiology*, **1987**, 59, 20-3	3	49
176	Relation between symptom duration before thrombolytic therapy and final myocardial infarct size. *Circulation*, **1996**, 93, 48-53	16.7	49
175	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
174	Evaluation of changes in standard electrocardiographic QRS waveforms recorded from activity-compatible proximal limb lead positions. *American Journal of Cardiology*, **1992**, 69, 253-7	3	47
173	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
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158	Transvenous, transmediastinal, and transthoracic ventricular pacing: a comparison after complete two-year follow-up. *Circulation*, **1974**, 49, 407-14	16.7	38
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149	Prognostic use of a QRS scoring system after hospital discharge for initial acute myocardial infarction in the Framingham cohort. *American Journal of Cardiology*, **1990**, 66, 546-50	3	31
148	Ventricular excitation during percutaneous transluminal angioplasty of the left anterior descending coronary artery. *American Journal of Cardiology*, **1988**, 62, 1116-21	3	31
147	Comparative rates of resolution of QRS changes after operative and nonoperative acute myocardial infarcts. *American Journal of Cardiology*, **1983**, 51, 378-81	3	31
146	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
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141	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
140	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
139	Correlation of the complete version of the Selvester QRS scoring system with quantitative anatomic findings for multiple left ventricular myocardial infarcts. *American Journal of Cardiology*, **1992**, 69, 465-9	3	27
138	Electrocardiographic detection of right ventricular pressure overload in patients with suspected pulmonary hypertension. *Journal of Electrocardiology*, **2014**, 47, 175-82	1.4	25
137	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
136	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
135	Evaluation of serial QRS changes during acute inferior myocardial infarction using a QRS scoring system. *American Journal of Cardiology*, **1983**, 52, 252-6	3	24
134	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
133	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
132	Development and validation of an automated method of the Selvester QRS scoring system for myocardial infarct size. *American Journal of Cardiology*, **1988**, 61, 734-8	3	23
131	Beta-adrenergic blocking agents after myocardial infarction: an undocumented need in patients at lowest risk. *Journal of the American College of Cardiology*, **1983**, 1, 1530-3	15.1	23
130	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
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126	Sensitivity of a set of myocardial infarction screening criteria in patients with anatomically documented single and multiple infarcts. *American Journal of Cardiology*, **1990**, 66, 792-5	3	22

125	An ischemic index from the electrocardiogram to select patients with low left ventricular ejection fraction for coronary artery bypass grafting. *American Journal of Cardiology*, **1988**, 61, 288-91	3	22
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123	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
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119	Electrocardiographic ST-segment changes during acute myocardial ischemia. *Journal of Interventional Cardiac Electrophysiology*, **2002**, 6, 196-203		21
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116	Quantitative QRS criteria for diagnosing and sizing myocardial infarcts. *American Journal of Cardiology*, **1984**, 53, 875-8	3	21
115	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
114	Optimal Use of Serum Enzyme Levels in the Diagnosis of Acute Myocardial Infarction. *Archives of Internal Medicine*, **1980**, 140, 317		20
113	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
112	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
111	Specificity and sensitivity of QRS criteria for diagnosis of single and multiple myocardial infarcts. *American Journal of Cardiology*, **1991**, 68, 1300-4	3	19
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109	The initial electrocardiographic pattern in acute myocardial infarction: correlation with infarct size. *Journal of Electrocardiology*, **1999**, 32 Suppl, 122-8	1.4	18
108	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

107	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
106	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
105	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
104	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
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102	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
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99	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
98	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
97	Consideration of QRS complex in addition to ST segment abnormalities in the estimation of the Ꝑisk regionꝐ during acute inferior myocardial infarction. *Journal of Electrocardiology*, **2013**, 46, 215-20	1.4	14
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94	Changes in high-frequency QRS components during prolonged coronary artery occlusion in humans. *Journal of Electrocardiology*, **1995**, 28 Suppl, 225-7	1.4	14
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88	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
87	Comparison of a QRS scoring system for estimating acute infarct size with radionuclide left ventriculography. *American Heart Journal*, **1984**, 108, 1426-30	4.9	12
86	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
85	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
84	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
83	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
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81	Ratio of ST-segment and myoglobin slopes to estimate myocardial salvage during thrombolytic therapy for acute myocardial infarction. *American Journal of Cardiology*, **1993**, 71, 1362-5	3	11
80	Transient electrocardiographic changes of elective coronary angioplasty compared with evolutionary changes of subsequent acute myocardial infarction observed with continuous three-lead monitoring. *American Journal of Cardiology*, **1990**, 66, 1509-12	3	11
79	Performance of new criteria for right ventricular hypertrophy and myocardial infarction in patients with pulmonary hypertension due to cor pulmonale and mitral stenosis. *Journal of Electrocardiology* , **1991**, 24, 231-7	1.4	11
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74	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
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