Third universal definition of myocardial infarction

#	Paper	IF	Citations
2289	Neutrophil to lymphocyte ratio might help prediction of acute myocardial infarction in patients with elevated serum creatinine. **2016**, 32, 106-10		6
2288	The ultimate nanoscale mincer: assembly, structure and active sites of the 20S proteasome core. **2004**, 61, 1562-78		69
2287	Validation of a Three-Point Gait-Scoring System for Field Assessment of Walking Ability of Commercial Broilers. **2008**, 17, 529-539		32
2286	The third Universal Definition of Myocardial Infarction--moving forward. **2012**, 58, 1727-8		15
2285	Association of race and sex with risk of incident acute coronary heart disease events. **2012**, 308, 1768-74		217
2284	Smoking gun theory: angiographically normal or mild coronary plaque as a cause of myocardial infarction. **2012**, 126, 2918-20		7
2283	Diagnostic utility of a single-epitope sandwich B-type natriuretic peptide assay in stable coronary artery disease: data from the Akershus Cardiac Examination (ACE) 1 Study. **2012**, 45, 1276-7		1
2282	ACCF 2012 expert consensus document on practical clinical considerations in the interpretation of troponin elevations: a report of the American College of Cardiology Foundation task force on Clinical Expert Consensus Documents. *Journal of the American College of Cardiology*, **2012**, 60, 2427-63	15.1	278
2281	Strain echocardiography improves risk prediction of ventricular arrhythmias after myocardial infarction. **2013**, 6, 841-50		162
2280	Cardiac toxicity of anticancer agents. **2013**, 15, 362		51
2279	2013 ACCF/AHA Guideline for the Management of Heart Failure: Executive Summary. *Journal of the American College of Cardiology*, **2013**, 62, 1495-1539	15.1	233
2278	ACCF/AHA/SCAI 2013 Update of the Clinical Competence Statement on Coronary Artery Interventional Procedures: a Report of the American College of Cardiology Foundation/American Heart Association/American College of Physicians Task Force on Clinical Competence and Training (Writing Committee to Revise the 2007 Clinical Competence Statement on Cardiac Interventional Procedures). **2013**, 82, E69-111		22
2277	Patients who require non-cardiac surgery in acute coronary syndrome. **2013**, 15, 373		0
2276	Outcome of percutaneous coronary intervention with drug-eluting stents in unprotected left main versus non-left main native coronary artery disease: results from the prospective multicenter German DES.DE registry. **2013**, 102, 679-86		5
2275	Analytical and assay issues for use of cardiac troponin testing for risk stratification in primary care. **2013**, 46, 969-978		40
2274	MicroRNA and myocardial infarction: a mystery turning into glory?. *Journal of the American College of Cardiology*, **2013**, 62, 999-1001	15.1	11
2273	Appropriate sample dilution for troponin I testing. **2013**, 31, 1278-9		1

2272	Systematic review and meta-analysis of remote ischaemic preconditioning in percutaneous coronary intervention. **2013**, 1, 13-19		6
2271	Influence of age and renal function on high-sensitivity cardiac troponin T diagnostic accuracy for the diagnosis of acute myocardial infarction. **2013**, 111, 1701-7		47
2270	2013 ACCF/AHA guideline for the management of heart failure: a report of the American College of Cardiology Foundation/American Heart Association Task Force on practice guidelines. **2013**, 128, e240-327		1927
2269	In-hospital major bleeding and its clinical relevance in patients with ST elevation myocardial infarction treated with primary percutaneous coronary intervention. **2013**, 112, 1533-9		15
2268	Normal limits of the electrocardiogram in Nigerians. **2013**, 46, 289-95		18
2267	Diagnostic performance of four point of care cardiac troponin I assays to rule in and rule out acute myocardial infarction. **2013**, 46, 1631-5		35
2266	Case report and review of clenbuterol cardiac toxicity. **2013**, 8, 131-133		18
2265	Release kinetics of circulating muscle-enriched microRNAs in patients undergoing transcoronary ablation of septal hypertrophy. *Journal of the American College of Cardiology*, **2013**, 62, 992-8	15.1	76
2264	Troponin I and the likelihood of hemodynamically significant coronary artery disease in patients with NSTE-ACS. **2013**, 170, e17-9		
2263	Biomarkers in organ failure. **2013**, 3, 97-104		
2262	Pitfalls in diagnosing ST elevation among patients with acute myocardial infarction. **2013**, 46, 653-9		12
2261	ACCF/AHA/SCAI 2013 update of the clinical competence statement on coronary artery interventional procedures: a report of the American College of Cardiology Foundation/American Heart Association/American College of Physicians Task Force on Clinical Competence and Training (Writing Committee to Revise the 2007 Clinical Competence Statement on Cardiac Interventional Procedures). *Journal of the American College of Cardiology*, **2013**, 62, 357-96	15.1	78
2260	Response variability to P2Y12 receptor inhibitors: expectations and reality. **2013**, 6, 1111-28		104
2259	Consideration of a new definition of clinically relevant myocardial infarction after coronary revascularization: an expert consensus document from the Society for Cardiovascular Angiography and Interventions (SCAI). *Journal of the American College of Cardiology*, **2013**, 62, 1563-70	15.1	351
2258	The anatomic- and clinical-based NERS (new risk stratification) score II to predict clinical outcomes after stenting unprotected left main coronary artery disease: results from a multicenter, prospective, registry study. **2013**, 6, 1233-41		16
2257	Prevalence and clinical implications of newly revealed, asymptomatic abnormal ankle-brachial index in patients with significant coronary artery disease. **2013**, 6, 1303-13		43
2256	High-sensitivity troponin T is more susceptible than high-sensitivity troponin I to impaired renal function. **2013**, 112, 1985		11
2255	Fibroblast growth factor-2 (FGF2) and syndecan-1 (SDC1) are potential biomarkers for putative circulating CD15+/CD30+ cells in poor outcome Hodgkin lymphoma patients. **2013**, 6, 62		21

2254 The aetiology of myocardial injury after non-cardiac surgery. **2013**, 21, 380 — 11

2253 Angiographic and clinical comparison of novel Orsiro Hybrid sirolimus-eluting stents and Resolute Integrity zotarolimus-eluting stents in all-comers with coronary artery disease (ORIENT trial): study protocol for a randomized controlled trial. **2013**, 14, 398 — 5

2252 Real-world application of "delta" troponin: diagnostic and prognostic implications. *Journal of the American College of Cardiology*, **2013**, 62, 1239-1241 — 15.1 — 20

2251 ACCF/HRS/AHA/ASE/HFSA/SCAI/SCCT/SCMR 2013 appropriate use criteria for implantable cardioverter-defibrillators and cardiac resynchronization therapy: a report of the American College of Cardiology Foundation appropriate use criteria task force, Heart Rhythm Society, American Heart Association, American Society of Echocardiography, Heart Failure Society of America, Society for Cardiovascular Angiography, and Society for Cardiovascular Magnetic. *Journal of the American College of Cardiology*, **2013**, 61, 1318-68 — 15.1 — 259

2250 American College of Cardiology Foundation recommendations assume incorrectly that cardiac troponins T and I are equally cardiac specific. *Journal of the American College of Cardiology*, **2013**, 61, 1466-7 — 15.1 — 5

2249 Assay characteristics and diagnostic improvement from contemporary to high-sensitivity troponin I immunoassays. **2013**, 126, e9-e10 — 4

2248 Let's talk about change, cardiac troponin deltas: a step in the right direction. **2013**, 168, 4407-8 — 2

2247 Avatar of the universal definition of periprocedural myocardial infarction. *Journal of the American College of Cardiology*, **2013**, 62, 1571-4 — 15.1 — 20

2246 Cardiac biomarker measurement after elective percutaneous coronary interventions in older patients: insights from the National Cardiovascular Data Registry. **2013**, 166, 927-34 — 3

2245 Evaluation of diagnostic accuracy of 75th percentile threshold for a contemporary sensitive and a high-sensitivity cardiac troponin I immunoassays. **2013**, 168, 5045-6 — 2

2244 Reply: To PMID 22841017. **2013**, 96, 740 — 1

2243 Gender similarities and differences in the presentation of symptoms in acute myocardial infarction. **2013**, 168, 2968-9 — 4

2242 Improved sensitivity of point of care troponin I values using reporting to below the 99 th percentile of normals. **2013**, 46, 979-982 — 14

2241 Can aspartate aminotransferase diagnose perioperative myocardial infarction?. **2013**, 96, 740 — 1

2240 Increasing specificity of high-sensitivity troponin: new approaches and perspectives in the diagnosis of acute coronary syndromes. **2013**, 62, 205-9 — 10

2239 Retrospective analysis towards diagnosis and treatment status of acute myocardial infarction patients in Binhai Community. **2013**, 2, 236-239

2238 The safety of cardiac resynchronization therapy pacemaker implantation in octogenarians: a monocentric experience. **2013**, 168, 2969-70 — 18

2237 The enemy of good?: making the most of highly sensitive troponin assays. *Journal of the American College of Cardiology*, **2013**, 61, 1914-6 — 15.1 — 9

2236	How low can we go? The high-sensitivity cardiac troponin debate. **2013**, 62, 580-3	7
2235	Safety of subcutaneous enoxaparin as ancillary therapy in STEMI patients receiving fibrinolysis. **2013**, 168, 1582	
2234	Kounis-Zavras syndrome presenting with ventricular arrhythmias and cardiogenic shock. **2013**, 7, e74-e77	3
2233	Peak and fixed-time high-sensitive troponin for prediction of infarct size, impaired left ventricular function, and adverse outcomes in patients with first ST-segment elevation myocardial infarction receiving percutaneous coronary intervention. **2013**, 111, 1387-93	31
2232	Highly-sensitive troponin I in patients admitted to the emergency room with acute infections. **2013**, 24, e57-8	7
2231	Painless aortic dissection: thrombolytic and antithrombotic vigilance. **2013**, 31, 1279	
2230	ACCF/HRS/AHA/ASE/HFSA/SCAI/SCCT/SCMR 2013 appropriate use criteria for implantable cardioverter-defibrillators and cardiac resynchronization therapy: a report of the American College of Cardiology Foundation appropriate use criteria task force, Heart Rhythm Society, American Heart Association, American Society of Echocardiography, Heart Failure Society of America, Society	134
2229	Targeting p-selectin during coronary interventions: the elusive link between inflammation and platelets to prevent myocardial damage. *Journal of the American College of Cardiology*, **2013**, 61, 2056-9 ^15.1	14
2228	Magnetocardiographic demonstration of complex ventricular preexcitation resulting in ablation failure. **2013**, 168, 5046-8	3
2227	Reply: To PMID 23395074. *Journal of the American College of Cardiology*, **2013**, 62, 648	15.1
2226	Choosing troponin immunoassays in a world of limited resources. *Journal of the American College of Cardiology*, **2013**, 62, 647-8	15.1 10
2225	Mediterranean diet and physical activity: an intervention study. Does olive oil exercise the body through the mind?. **2013**, 168, 4408-9	15
2224	Troponin testing for detection of acute myocardial infarction in skeletal muscle disease patients: follow the guidelines. *Journal of the American College of Cardiology*, **2013**, 62, 941-3	15.1
2223	Will high-sensitivity troponin improve the evaluation of patients with chest pain in the emergency department?. **2013**, 6, 83-5	0
2222	Growing pains with the use of high-sensitivity cardiac troponin assays. *Journal of the American College of Cardiology*, **2013**, 62, 1250-1251	15.1 6
2221	2013 ACCF/AHA key data elements and definitions for measuring the clinical management and outcomes of patients with acute coronary syndromes and coronary artery disease: a report of the American College of Cardiology Foundation/American Heart Association Task Force on clinical data standards (writing committee to develop acute coronary syndromes and coronary artery disease	15.1 81
2220	A novel approach to systematically implement the universal definition of myocardial infarction: insights from the CHAMPION PLATFORM trial. **2013**, 99, 1282-7	27
2219	Circulating miRNAs: novel biomarkers of acute coronary syndrome?. **2013**, 7, 287-305	20

2218   Remote ischemic preconditioning reduces myocardial injury in patients undergoing coronary stent implantation. **2013**, 29, 1084-9   67

2217   2013 ACCF/AHA guideline for the management of heart failure: a report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines. *Journal of the American College of Cardiology*, **2013**, 62, e147-239   15.1   4318

2216   Serial measurements of high-sensitivity cardiac troponin T after exercise stress test in stable coronary artery disease. **2013**, 18, 304-9   10

2215   The state of cardiac troponin assays: looking bright and moving in the right direction. **2013**, 59, 1014-6   19

2214   Refining diagnostic microRNA signatures by whole-miRNome kinetic analysis in acute myocardial infarction. **2013**, 59, 410-8   41

2213   Preoperative cardiac risk assessment for noncardiac surgery: defining costs and risks. **2013**, 27, 395-9   6

2212   Prevalence of troponin elevations in patients with cardiac arrest and implications for assessing quality of care in hypothermia centers. **2013**, 112, 933-7   6

2211   Effect of a last generation cardiac troponin assay on patients' management: a real world emergency department experience. **2013**, 418, 77-8   4

2210   Risk factors for survival in candidates for lung metastasectomy for colorectal cancer. **2013**, 96, 740-1   6

2209   Slow but steady progress towards understanding peri-procedural myocardial infarction. **2013**, 34, 1615-7   7

2208   High-sensitivity cardiac troponin T levels are increased in stable COPD. **2013**, 99, 382-7   43

2207   Feasibility and cardiac safety of inhaled xenon in combination with therapeutic hypothermia following out-of-hospital cardiac arrest. **2013**, 41, 2116-24   46

2206   2013 ACCF/AHA key data elements and definitions for measuring the clinical management and outcomes of patients with acute coronary syndromes and coronary artery disease: a report of the American College of Cardiology Foundation/American Heart Association Task Force on Clinical Data Standards (Writing Committee to Develop Acute Coronary Syndromes and Coronary Artery Disease Clinical Data Standards). **2013**, 12, 65-105   14

2205   Interpretation of serum troponin elevation. **2013**, 24, 224-8   1

2204   Perioperative cardiac biomarkers: the utility and timing. **2013**, 19, 334-41   11

2203   Characteristics of cardiac troponin measurements. **2013**, 24, 698-704   2

2202   Current world literature. Intravenous fluids. **2013**, 19, 369-73

2201   Should βblockers still be routine after myocardial infarction?. **2013**, 28, 399-404   7

2182	Relaõ entre capacidade funcional e funõ diastõca no infarto recente. **2013**, 20, 83-89	
2181	Ischemic heart disease in the emergency room: state of the art, innovation and research. **2013**, 9, 7	
2180	The pharmacoeconomics of routine postoperative troponin surveillance to prevent and treat myocardial infarction after non-cardiac surgery. **2014**, 104, 619-23	20
2179	Unmet needs in the management of acute myocardial infarction: role of novel protease-activated receptor-1 antagonist vorapaxar. **2014**, 10, 177-88	12
2178	Stroke patients with a past history of cancer are at increased risk of recurrent stroke and cardiovascular mortality. **2014**, 9, e88283	19
2177	Polymorphisms of the LTA gene may contribute to the risk of myocardial infarction: a meta-analysis. **2014**, 9, e92272	6
2176	Validity of myocardial infarction diagnoses in administrative databases: a systematic review. **2014**, 9, e92286	157
2175	Relationship of glycated hemoglobin levels with myocardial injury following elective percutaneous coronary intervention in patients with type 2 diabetes mellitus. **2014**, 9, e101719	6
2174	Likelihood and predictors of ST-elevation in patients hospitalized for myocardial infarction. **2014**, 9, e108440	5
2173	Myocardial Reprogramming Medicine: The Development, Application, and Challenge of Induced Pluripotent Stem Cells. **2014**, 2014, 1-22	
2172	Comparison of one-year clinical outcomes between intravascular ultrasound-guided versus angiography-guided implantation of drug-eluting stents for left main lesions: a single-center analysis of a 1,016-patient cohort. **2014**, 8, 1299-309	37
2171	The basic social medical insurance is associated with clinical outcomes in the patients with ST-elevation myocardial infarction: a retrospective study from Shanghai, China. **2014**, 11, 905-17	7
2170	Should general practitioners order troponin tests?. **2014**, 201, 155-7	8
2169	Updated electrocardiographic classification of acute coronary syndromes. **2014**, 10, 229-36	20
2168	Thrombin-induced platelet-fibrin clot strength: relation to high on-clopidogrel platelet reactivity, genotype, and post-percutaneous coronary intervention outcomes. **2014**, 111, 713-24	16
2167	Impact of high-sensitivity cardiac troponin I assays on patients presenting to an emergency department with suspected acute coronary syndrome. **2014**, 201, 158-61	12
2166	Impact of coronary plaque burden and composition on periprocedural myocardial infarction and coronary flow reserve after percutaneous coronary intervention. **2014**, 55, 391-6	9
2165	Association between Cardiac Troponin Level and Coronary Flow Reserve in Patients without Coronary Artery Disease: Insight from a Thermodilution Technique Using an Intracoronary Pressure Wire. **2014**, 44, 141-7	5

2146   Adjuvant cardioprotection in cardiac surgery: update. **2014**, 2014, 808096   11

2145   Impact of elevated cardiac biomarkers on mortality after vascular surgery procedures. **2014**, 27, 152-5   1

2144   High-sensitivity troponin I concentrations are a marker of an advanced hypertrophic response and adverse outcomes in patients with aortic stenosis. **2014**, 35, 2312-21   147

2143   Cardiac troponin release following hybrid coronary revascularization versus off-pump coronary artery bypass surgery. **2014**, 19, 1008-12   10

2142   The Manchester Acute Coronary Syndromes (MACS) decision rule for suspected cardiac chest pain: derivation and external validation. **2014**, 100, 1462-8   67

2141   The clinical value of serial measurement of high-sensitivity cardiac troponin T in acute exacerbations ofchronic obstructive pulmonary disease. **2014**, 1, e000001   11

2140   Cardiac troponin I but not cardiac troponin T adheres to polysulfone dialyser membranes in an in vitro haemodialysis model: explanation for lower serum cTnI concentrations following dialysis. **2014**, 1, e000108   18

2139   A Review of 3D Reconstruction of Coronary Arteries Based on the Co-registration of IVUS and Coronary Angiogram. **2014**,   4

2138   Prehospital activation of cardiac catheterization teams in ST-segment elevation myocardial infarction. **2014**, 33, 545-53

2137   A signature of circulating microRNAs differentiates takotsubo cardiomyopathy from acute myocardial infarction. **2014**, 35, 999-1006   164

2136   Prognostic implications of non-culprit plaques in acute coronary syndrome: non-invasive assessment with coronary CT angiography. **2014**, 15, 1231-7   20

2135   An ex-vivo model for evaluating bioenergetics in aortic rings. **2014**, 2, 1003-7   8

2134   Diagnosis of myocardial infarction based on lectin-induced erythrocyte agglutination: a feasibility study. **2014**,   2

2133   Design, methods, baseline characteristics and interim results of the Catheter Sampled Blood Archive in Cardiovascular Diseases (CASABLANCA) study. **2014**, 5, 11-18   16

2132   Analytical comparison of the new point-of-care troponin T immunoassay on AQT90Flex⬚ analyzer (Radiometer) and the high-sensitivity troponin T immunoassay on ModularE170⬚ (Roche Diagnostics). **2014**, 52, e279-82   3

2131   Myocardial infarction, Takotsubo syndrome, or myocardial infarction/Takotsubo syndrome?. **2014**, 177, 167-8   4

2130   European multicenter analytical evaluation of the Abbott ARCHITECT STAT high sensitive troponin I immunoassay. **2014**, 52, 1657-65   98

2129   Incidence, angiographic features and outcomes of patients presenting with subtle ST-elevation myocardial infarction. **2014**, 168, 884-90   24

2110	Cardiac remote ischaemic preconditioning reduces periprocedural myocardial infarction for patients undergoing percutaneous coronary interventions: a meta-analysis of randomised clinical trials. **2014**, 9, 1463-71	50
2109	Myocardial injury after noncardiac surgery. **2014**, 29, 307-11	36
2108	Detection and management of perioperative myocardial ischemia. **2014**, 27, 336-43	15
2107	Q wave area for stratification of global left ventricular infarct size: comparison to conventional ECG assessment using Selvester QRS-score. **2014**, 25, 138-44	5
2106	Defining the optimal cardiac troponin T threshold for predicting death caused by periprocedural myocardial infarction after percutaneous coronary intervention. **2014**, 7, 533-42	10
2105	Hemoglobin A1c less than 6.5% on admission increases risk for in-hospital and 1-year mortality in patients with diabetes and chest pain. **2014**, 3, 85-91	
2104	Colocalization of thin-cap fibroatheroma and spotty calcification is a powerful predictor of procedure-related myocardial injury after elective coronary stent implantation. **2014**, 25, 384-91	18
2103	Detection of regional myocardial ischaemia by a novel 80-electrode body surface Delta map in patients presenting to the emergency department with cardiac-sounding chest pain. **2014**, 21, 89-97	3
2102	Characterization of interleukin-33 and matrix metalloproteinase-28 in serum and their association with disease severity in patients with coronary heart disease. **2014**, 25, 498-504	10
2101	High-sensitivity cardiac troponin in acute conditions. **2014**, 20, 472-7	28
2100	Decimal numbers and safe interpretation of clinical pathology results. **2014**, 67, 179-81	6
2099	Prognostic significance of elevated troponin in non-cardiac hospitalized patients: a systematic review and meta-analysis. **2014**, 46, 653-63	31
2098	Cardiac troponin changes to distinguish type 1 and type 2 myocardial infarction and 180-day mortality risk. **2014**, 3, 317-25	65
2097	Type-II myocardial infarction--patient characteristics, management and outcomes. **2014**, 9, e84285	98
2096	Assessment of demographics, treatment strategies, and evidence-based medicine use among diabetic and non-diabetic patients with acute coronary syndrome: A cohort study. **2014**, 5, 139-44	5
2095	High sensitivity troponins and conventional troponins at the bedside. **2014**, 4, 253-6	12
2094	Clinical implications of a recent adjustment to the high-sensitivity cardiac troponin T assay: some results. **2014**, 52, e21-3	4
2093	Opinion paper on utility of point-of-care biomarkers in the emergency department pathways decision making. **2014**, 52, 1401-7	13

2092   Biomarkers in the prediction and management of acute coronary syndromes: current perspectives. **2014**, 21   1

2091   Dipyridamole Stress Echocardiography Does Not Trigger Release of Highly-Sensitive Troponin I and T. **2014**, 33, 376-383   0

2090   Perioperative troponin elevation: always myocardial injury, but not always myocardial infarction. **2014**, 119, 1014-6   6

2089   Inhibition of inflammation mediates the protective effect of atorvastatin reload in patients with coronary artery disease undergoing noncardiac emergency surgery. **2014**, 25, 678-84   5

2088   T wave inversions in leads with ST elevations in patients with acute anterior ST elevation myocardial infarction is associated with patency of the infarct related artery. **2014**, 47, 472-7   9

2087   The concentration of high-sensitivity troponin I increases with ageing in patients admitted to the emergency department without acute coronary syndrome. **2014**, 5, 52-54

2086   HRS/ACC/AHA expert consensus statement on the use of implantable cardioverter-defibrillator therapy in patients who are not included or not well represented in clinical trials. **2014**, 11, 1271-303   14

2085   Effect of one-cycle remote ischemic preconditioning to reduce myocardial injury during percutaneous coronary intervention. **2014**, 113, 2013-7   46

2084   Reply: To PMID 23891491. **2014**, 59, 1475-6

2083   Biomarkers in cardiorenal syndromes. **2014**, 164, 122-34   16

2082   CYP2C19 genotype-guided antiplatelet therapy in ST-segment elevation myocardial infarction patients-Rationale and design of the Patient Outcome after primary PCI (POPular) Genetics study. **2014**, 168, 16-22.e1   59

2081   HRS/ACC/AHA expert consensus statement on the use of implantable cardioverter-defibrillator therapy in patients who are not included or not well represented in clinical trials. *Journal of the American College of Cardiology*, **2014**, 64, 1143-77   15.1   65

2080   Impact of the angiographic mechanisms underlying periprocedural myocardial infarction after drug-eluting stent implantation. **2014**, 113, 1105-10   15

2079   Can a high reloading dose of atorvastatin prior to percutaneous coronary intervention reduce periprocedural myocardial infarction?. **2014**, 30, 381-6   19

2078   Platelet distribution width and the risk of periprocedural myocardial infarction in patients undergoing percutaneous coronary intervention. **2014**, 37, 345-52   8

2077   Balancing Ischemic Efficacy and Bleeding Risk in the Upstream Management of Non-ST-Segment Elevation Myocardial Infarction. **2014**, 2, 57-68

2076   The effects of exercise at high altitude on high-sensitivity cardiac troponin release and associated biventricular cardiac function. **2014**, 103, 291-9   12

2075   Circulating levels of the vasoactive peptide urotensin II in patients with acute coronary syndrome and stable coronary artery disease. **2014**, 55, 151-7   12

2074 A randomized trial of deferred stenting versus immediate stenting to prevent no- or slow-reflow in acute ST-segment elevation myocardial infarction (DEFER-STEMI). *Journal of the American College of Cardiology*, **2014**, 63, 2088-2098 — 15.1 — 146

2073 Utilization management: a European perspective. **2014**, 427, 137-41 — 21

2072 Making sense of high sensitivity troponin assays and their role in clinical care. **2014**, 16, 471 — 7

2071 Left ventricular twist during dobutamine stress echocardiography after acute myocardial infarction: association with reverse remodeling. **2014**, 30, 313-22 — 4

2070 Thoraxschmerz ânicht immer harmlos!. **2014**, 162, 290-294

2069 Difficult ECGs in STEMI: lessons learned from serial sampling of pre- and in-hospital ECGs. **2014**, 47, 448-58 — 24

2068 High-dose atorvastatin reloading before percutaneous coronary intervention increased circulating endothelial progenitor cells and reduced inflammatory cytokine expression during the perioperative period. **2014**, 19, 290-5 — 16

2067 Changes in lipid measures and incident coronary heart disease: Tehran Lipid & Glucose Study. **2014**, 47, 1239-44 — 26

2066 Cardiac biomarkers in the prediction of risk in the non-cardiac surgery setting. **2014**, 69, 484-93 — 28

2065 Strategies and Challenges for Bio-inspired Cardiovascular Biomaterials. **2014**, 227-257

2064 Influence of chronic exercise on carotid atherosclerosis in marathon runners. **2014**, 4, e004498 — 28

2063 Supply/demand type 2 myocardial infarction: should we be paying more attention?. *Journal of the American College of Cardiology*, **2014**, 63, 2079-2087 — 15.1 — 104

2062 Meta-analysis of time-related benefits of statin therapy in patients with acute coronary syndrome undergoing percutaneous coronary intervention. **2014**, 113, 1753-64 — 51

2061 Positive effect of intravenous iron-oxide administration on left ventricular remodelling in patients with acute ST-elevation myocardial infarction - a cardiovascular magnetic resonance (CMR) study. **2014**, 173, 184-9 — 34

2060 Usefulness of T wave inversion in leads with ST elevation on the presenting electrocardiogram to predict spontaneous reperfusion in patients with anterior ST elevation acute myocardial infarction. **2014**, 113, 270-4 — 11

2059 Effect of remote ischemic preconditioning in the elderly patients with coronary artery disease with diabetes mellitus undergoing elective drug-eluting stent implantation. **2014**, 65, 660-6 — 48

2058 Effect of rosuvastatin therapy on troponin I release following percutaneous coronary intervention in nonemergency patients (from the TIP 3 study). **2014**, 113, 446-51 — 7

2057 Cardiac troponins: a tool for a personalized medicine strategy in stable coronary artery disease?. *Journal of the American College of Cardiology*, **2014**, 63, 355-7 — 15.1 — 4

2056	Yield of downstream tests after exercise treadmill testing: a prospective cohort study. *Journal of the American College of Cardiology*, **2014**, 63, 1264-1274	15.1	38
2055	Recombinant AAV-PR39-mediated hypoxia-inducible factor 1α gene expression attenuates myocardial infarction. **2014**, 33, 171-7		6
2054	Toxin-induced cardiovascular failure. **2014**, 32, 79-102		23
2053	The role of ubiquitin ligases in cardiac disease. **2014**, 71, 43-53		58
2052	Platelet activation is associated with myocardial infarction in patients with pneumonia. *Journal of the American College of Cardiology*, **2014**, 64, 1917-25	15.1	105
2051	Safety and effectiveness of drug-eluting versus bare-metal stents in saphenous vein bypass graft percutaneous coronary interventions: insights from the Veterans Affairs CART program. *Journal of the American College of Cardiology*, **2014**, 64, 1825-36	15.1	29
2050	Improving the 510(k) FDA process for cardiac troponin assays: in search of common ground. **2014**, 60, 1273-5		14
2049	Can emergency physicians 'rule in' and 'rule out' acute myocardial infarction with clinical judgement?. **2014**, 31, 872-6		59
2048	Relation between coronary arterial dominance and left ventricular ejection fraction after ST-segment elevation acute myocardial infarction in patients having percutaneous coronary intervention. **2014**, 114, 1646-50		6
2047	High-sensitivity troponin assays: evidence, indications, and reasonable use. **2014**, 3, e000403		85
2046	A false positive case of cardiac troponin I: which diagnostic approach?. **2014**, 177, e42-3		2
2045	How can we optimize the processes of care for acute coronary syndromes to improve outcomes?. **2014**, 168, 622-31		12
2044	Non-HDL cholesterol is a better target for predicting periprocedural myocardial injury following percutaneous coronary intervention in type 2 diabetes. **2014**, 237, 536-43		13
2043	High-sensitivity versus conventional troponin for management and prognosis assessment of patients with acute chest pain. **2014**, 100, 1591-6		32
2042	Peri-operative troponin monitoring using a prototype high-sensitivity cardiac troponin I (hs-cTnI) assay: comparisons with hs-cTnT and contemporary cTnI assays. **2014**, 51, 258-68		9
2041	In case of strict application, the third universal definition of myocardial infarction will erase takotsubo syndrome as a diagnosis. **2014**, 176, 1217-9		2
2040	Myocardial matrix metalloproteinase-2: inside out and upside down. **2014**, 77, 64-72		63
2039	2014 AHA/ACC Guideline for the Management of Patients With Non–ST-Elevation Acute Coronary Syndromes: Executive Summary: A Report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. *Journal of the American College of Cardiology*, **2014**, 64, 2645-2687	15.1	132

2038	Evaluation and analysis of plasma soluble adhesion molecules in patients with coronary ectasia and atherosclerotic coronary artery disease. **2014**, 45, 478-83		8
2037	Prehospital activation of cardiac catheterization teams in ST-segment elevation myocardial infarction. **2014**, 33, 545-553		
2036	Prasugrel versus clopidogrel in patients with ST-segment elevation myocardial infarction according to timing of percutaneous coronary intervention: a TRITON-TIMI 38 subgroup analysis (Trial to Assess Improvement in Therapeutic Outcomes by Optimizing Platelet Inhibition with Prasugrel-Thrombolysis In Myocardial Infarction 38). **2014**, 7, 604-12		36
2035	Rapid homogeneous immunoassay for cardiac troponin I using switchable lanthanide luminescence. **2014**, 62, 201-7		10
2034	Implications of Kidney Disease in the Cardiac Patient. **2014**, 3, 317-331		
2033	Prognostic value of the Duke treadmill score in octogenarians undergoing myocardial perfusion imaging. **2014**, 236, 373-80		6
2032	Evolution of left ventricular ejection fraction after acute myocardial infarction: implications for implantable cardioverter-defibrillator eligibility. **2014**, 130, 743-8		41
2031	Cardiac troponin I and T as prognostic markers in cats with hypertrophic cardiomyopathy. **2014**, 28, 1485-91		31
2030	Release kinetics of circulating cardiac myosin binding protein-C following cardiac injury. **2014**, 306, H547-56		14
2029	Different lipid variables predict incident coronary artery disease in patients with type 1 diabetes with or without diabetic nephropathy: the FinnDiane study. **2014**, 37, 2374-82		17
2028	2014 ACC/AHA guideline on perioperative cardiovascular evaluation and management of patients undergoing noncardiac surgery: a report of the American College of Cardiology/American Heart Association Task Force on practice guidelines. *Journal of the American College of Cardiology*, **2014**, 64, e77-137	15.1	855
2027	2014 AHA/ACC Guideline for the Management of Patients with Non-ST-Elevation Acute Coronary Syndromes: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. *Journal of the American College of Cardiology*, **2014**, 64, e139-e228	15.1	1822
2026	Correlations of SELE and SELP genetic polymorphisms with myocardial infarction risk: a meta-analysis and meta-regression. **2014**, 41, 4521-32		3
2025	Assessment of microRNAs in patients with unstable angina pectoris. **2014**, 35, 2106-14		100
2024	Definitions of periprocedural myocardial infarction as surrogates for catheterization laboratory quality or clinical trial end points. **2014**, 113, 1326-30		8
2023	Cardiac biomarkers in heart failure. **2014**, 47, 327-37		39
2022	Prognostic value of admission glycated haemoglobin in unknown diabetic patients with acute myocardial infarction. **2014**, 3, 347-53		7
2021	Towards a consistent definition of a significant delta troponin with z-scores: a way out of chaos?. **2014**, 3, 149-57		10

| 2002 | Impact of patients' arrival time on the care and in-hospital mortality in patients with non-ST-elevation myocardial infarction. **2014**, 113, 262-9 | | 6 |

| 2001 | Quantification of cardiac biomarkers using label-free and multiplexed gold nanorod bioprobes for myocardial infarction diagnosis. **2014**, 61, 70-5 | | 45 |

| 2000 | Undetectable high-sensitivity cardiac troponin T level in the emergency department and risk of myocardial infarction. *Journal of the American College of Cardiology*, **2014**, 63, 2569-2578 | 15.1 | 210 |

| 1999 | Relationship between serum galectin-3 values and demographical or biochemical variables in patients without acute coronary syndrome. **2014**, 171, 270-1 | | 4 |

| 1998 | Reply: To PMID 23910457. **2014**, 59, 1474-5 | | |

| 1997 | Providing Rapid Out of Hospital Acute Cardiovascular Treatment 3 (PROACT-3). **2014**, 30, 1208-15 | | 10 |

| 1996 | An assessment of ST-segment measurement variability between two core electrocardiogram laboratories. **2014**, 47, 38-44 | | 1 |

| 1995 | Management of distal/bifurcation left main restenosis after drug eluting stents implantation: single center experience. **2014**, 15, 76-9 | | 4 |

| 1994 | Clinical value of plasma pentraxin 3 levels for predicting cardiac troponin elevation after percutaneous coronary intervention. **2014**, 95, 40-4 | | 4 |

| 1993 | Reperfusion times and in-hospital outcomes among patients with an isolated posterior myocardial infarction: insights from the National Cardiovascular Data Registry (NCDR). **2014**, 167, 350-4 | | 10 |

| 1992 | Cardiac troponins and high-sensitivity cardiac troponin assays. **2014**, 34, 59-73, vi | | 14 |

| 1991 | The global need to define normality: the 99th percentile value of cardiac troponin. **2014**, 60, 455-62 | | 123 |

| 1990 | Outcomes of percutaneous coronary intervention of chronic total saphenous vein graft occlusions in the contemporary era. **2014**, 83, 1025-32 | | 8 |

| 1989 | A fit-for-purpose approach to analytical sensitivity applied to a cardiac troponin assay: time to escape the 'highly-sensitive' trap. **2014**, 52, 553-6 | | 6 |

| 1988 | The effect of a six-month resistance-type exercise training program on the course of high sensitive cardiac troponin T levels in (pre)frail elderly. **2014**, 175, 374-5 | | 4 |

| 1987 | Assessment of Effect of Diabetes on Health-Related Quality of Life in Patients with Coronary Artery Disease Using the EQ-5D Questionnaire. **2014**, 3, 67-72 | | 7 |

| 1986 | Protecting the pipeline of science: openness, scientific methods and the lessons from ticagrelor and the PLATO trial. **2014**, 176, 600-4 | | 1 |

| 1985 | Regarding "Discontinuation of preoperative clopidogrel is unnecessary in peripheral arterial surgery". **2014**, 59, 1475 | | |

1984   Use of electrocardiogram indices of myocardial ischemia for risk stratification and decision making of reperfusion strategies. **2014**, 47, 520-4   2

1983   The long-term prognostic value of the ST depression criteria for ischemia recommended in the universal definition of myocardial infarction in 43,661 veterans. **2014**, 173, 494-8   3

1982   Characteristics of intra-left atrial flow dynamics and factors affecting formation of the vortex flow â analysis with phase-resolved 3-dimensional cine phase contrast magnetic resonance imaging. **2015**, 79, 144-52   18

1981   Acute Coronary Syndrome. **2014**, 1-8

1980   Redefining myocardial infarction following coronary revascularization: time for clarity?. **2014**, 6, 5-7

1979   On-pump versus off-pump coronary artery bypass surgery in patients older than 60´years: five-year follow-up of MASS III trial. **2014**, 9,   3

1978   Role of troponin in patients with chronic kidney disease and suspected acute coronary syndrome: a systematic review. **2014**, 161, 502-12   64

1977   Influence of dipyridamole stress echocardiography on galectin-3, amino-terminal B-type natriuretic peptide (NT-proBNP) and high-sensitivity troponin T. **2014**, 69, 377-83   2

1976   Chest Pain Units. **2015**, 10, 321-336

1975   Validaciñ de la escala CRUSADE para evaluar el riesgo de sangrado en pacientes con infarto agudo de miocardio sin elevaciñ del ST. **2015**, 22, 169-178

1974   The effects of electrode placement on an automated algorithm for detecting ST segment changes on the 12-lead ECG. **2015**,   1

1973   Detection of circulating IgG antibodies to apolipoprotein B100 in acute myocardial infarction. **2015**, 5, 712-6   5

1972   The 2014 American College of Cardiology ACC/American Heart Association guideline for the management of patients with non-ST-elevation acute coronary syndromes: ten contemporary recommendations to aid clinicians in optimizing patient outcomes. **2015**, 38, 121-3   13

1971   Association Between Preinfarction Angina and Angiographic Findings in Non-ST-Segment Elevation Myocardial Infarction. **2015**, 38, 535-41   7

1970   Cardiac Troponin Measurement in the Critically Ill: Potential for Guiding Clinical Management. **2015**, 63, 905-15   10

1969   Association of Intravascular Ultrasound- and Optical Coherence Tomography-Assessed Coronary Plaque Morphology With Periprocedural Myocardial Injury in Patients With Stable Angina Pectoris. **2015**, 79, 1944-53   15

1968   Do Two Eyes Really See More Than One? - Intravascular Ultrasound and Optical Coherence Tomography. **2015**, 79, 1891-2

1967   Thin cap fibroatheroma defined as lipid core abutting lumen (LCAL) on integrated backscatter intravascular ultrasound - comparison with optical coherence tomography and correlation with peri-procedural myocardial infarction. **2015**, 79, 808-17   12

1966	Clinical Presentation, Management and Outcome of Japanese Patients With Acute Myocardial Infarction in the Troponin Era - Japanese Registry of Acute Myocardial Infarction Diagnosed by Universal Definition (J-MINUET) -. **2015**, 79, 1255-62	72
1965	Pressure Ulcer Prevention and Management. In Response. **2015**, 163, 149	1
1964	Pressure Ulcer Prevention and Management. **2015**, 163, 148-9	1
1963	Acute Myocardial Infarction. **2015**, 163, 151-2	1
1962	Ischemic Heart Disease in Patients with End-Stage Kidney Disease. **2015**, 40, 332-6	1
1961	Long-Term Opioid Therapy for Chronic Pain. **2015**, 163, 147-8	
1960	Cardiac Screening. In Response. **2015**, 163, 151	
1959	Tuberculosis Incidence in Immigrants and Refugees. In Response. **2015**, 163, 150-1	1
1958	Long-Term Opioid Therapy for Chronic Pain. **2015**, 163, 147	
1957	Cardiac Screening. **2015**, 163, 151	
1956	High-sensitive cardiac troponins and CK-MB concentrations in patients undergoing cardiac surgery. **2015**, 19, P158	3
1955	Electrochemotherapy of colorectal liver metastases--an observational study of its effects on the electrocardiogram. **2015**, 14 Suppl 3, S5	36
1954	Tuberculosis Incidence in Immigrants and Refugees. **2015**, 163, 149-50	1
1953	Long-Term Opioid Therapy for Chronic Pain. In Response. **2015**, 163, 148	2
1952	Acute Myocardial Infarction. In Response. **2015**, 163, 152	
1951	Lipid paradox in acute myocardial infarction-the association with 30-day in-hospital mortality. **2015**, 43, 1255-64	47
1950	Safety and predictors of same day discharge after elective percutaneous coronary intervention. **2015**, 23, 42-47	
1949	Cardio- and reno-protective effect of remote ischemic preconditioning in patients undergoing percutaneous coronary intervention. A prospective, non-randomized controlled trial. **2015**, 67, 315-323	1

| 1930 | Clinical assessment of trauma-induced coagulopathy and its contribution to postinjury mortality: A TACTIC proposal. **2015**, 79, 490-2 | 25 |

| 1929 | Position of Edwards SAPIEN transcatheter valve in the aortic root in relation with the coronary ostia: implications for percutaneous coronary interventions. **2015**, 85, 480-7 | 18 |

| 1928 | Periprocedural myocardial infarction is associated with increased mortality in patients with coronary artery bifurcation lesions after implantation of a drug-eluting stent. **2015**, 85 Suppl 1, 696-705 | 12 |

| 1927 | Clinical outcomes following bioresorbable scaffold implantation for bifurcation lesions: Overall outcomes and comparison between provisional and planned double stenting strategy. **2015**, 86, 644-52 | 21 |

| 1926 | Racial differences in the neutrophil-to-lymphocyte ratio in patients with non-ST-segment elevation myocardial infarction. **2015**, 26, 381-5 | 7 |

| 1925 | Out-of-hospital cardiac arrest: defining the role of coronary angiography and intervention. **2015**, 26, 626-33 | 0 |

| 1924 | Comparison of 2-year outcomes of repeated second-generation drug-eluting stent implantation for focal-type versus nonfocal-type in-stent restenosis. **2015**, 26, 587-91 | 3 |

| 1923 | Avoidance of Blood Transfusion to Patients Suffering From Myocardial Injury and Severe Anemia Is Associated With Increased Long-Term Mortality: A Retrospective Cohort Analysis. **2015**, 94, e1635 | 9 |

| 1922 | Clinical Enzymology and Biomarkers of Tissue Injury. **2015**, 85-95 | 0 |

| 1921 | Effect of Stent Length on Clinical Outcome in Patients with Coronary Artery Disease. **2015**, 8, 329 | 5 |

| 1920 | Role of Cardiac Troponin Levels in Acute Heart Failure. **2015**, 1, 102-106 | 30 |

| 1919 | Cardioprotection by remote ischemic conditioning: Mechanisms and clinical evidences. **2015**, 7, 621-32 | 27 |

| 1918 | Protective and pathological roles of tissue factor in the heart. **2015**, 35, 37-46 | 12 |

| 1917 | HIGH-SENSITIVE CARDIAC TROPONINS IN PATIENTS UNDERGOING CARDIAC SURGERY: FRIEND OR FOE?. **2015**, 3, A952 | 1 |

| 1916 | Renal function interferes with copeptin in prediction of major adverse cardiac events in patients undergoing vascular surgery. **2015**, 10, e0123093 | 20 |

| 1915 | Myocardial infarct size and mortality depend on the time of day-a large multicenter study. **2015**, 10, e0119157 | 31 |

| 1914 | Genetic Variants on Chromosome 1p13.3 Are Associated with Non-ST Elevation Myocardial Infarction and the Expression of DRAM2 in the Finnish Population. **2015**, 10, e0140576 | 5 |

| 1913 | Dietary Inflammatory Index and Incidence of Cardiovascular Disease in the SUN Cohort. **2015**, 10, e0135221 | 103 |

1912	Cardiovascular imaging: what have we learned from animal models?. **2015**, 6, 227	14
1911	Association between Serum Soluble Klotho Levels and Mortality in Chronic Hemodialysis Patients. **2015**, 2015, 406269	31
1910	ECG-Based Detection of Early Myocardial Ischemia in a Computational Model: Impact of Additional Electrodes, Optimal Placement, and a New Feature for ST Deviation. **2015**, 2015, 530352	12
1909	Incidence and Expression of Circulating Cell Free p53-Related Genes in Acute Myocardial Infarction Patients. **2015**, 22, 981-98	4
1908	Prognostic Value of Left Ventricular End-Diastolic Pressure in Patients With Non-ST-Segment Elevation Myocardial Infarction. **2015**, 6, 301-305	6
1907	Association between the C804A polymorphism in the TGF-β gene and the risk of myocardial infarction: a meta-analysis. **2015**, 14, 1566-79	1
1906	Combined ECG, Echocardiographic, and Biomarker Criteria for Diagnosing Acute Myocardial Infarction in Out-of-Hospital Cardiac Arrest Patients. **2015**, 56, 887-94	13
1905	Myocardial Infarction With Non-obstructive Coronary Arteries - Diagnosis and Management. **2015**, 10, 79-82	18
1904	Impact of Cardiogenic Vomiting in Patients with STEMI: A Study From China. **2015**, 21, 3792-7	1
1903	Not all ST-segment changes are myocardial injury: hypercalcaemia-induced ST-segment elevation. **2015**, 2015,	2
1902	Analysis of Renal Artery Stenosis in Patients with Heart Failure: A RASHEF Study. **2015**, 128, 2777-82	6
1901	Multiscale Energy and Eigenspace Approach to Detection and Localization of Myocardial Infarction. **2015**, 62, 1827-37	170
1900	The Prognostic Value of High-Sensitive Troponin I in Stable Coronary Artery Disease Depends on Age and Other Clinical Variables. **2015**, 132, 1-8	12
1899	Imaging of myocardial inflammation with somatostatin receptor based PET/CT - A comparison to cardiac MRI. **2015**, 194, 44-9	58
1898	High sensitivity cardiac troponin and the under-diagnosis of myocardial infarction in women: prospective cohort study. **2015**, 350, g7873	256
1897	High sensitivity cardiac troponin assays in the clinical laboratories. **2015**, 53, 635-52	74
1896	Ticagrelor protects the heart against reperfusion injury and improves remodeling after myocardial infarction. **2015**, 35, 1805-14	83
1895	Pathophysiology and Management of Myocardial Infarction. **2015**, 397-424	

| 1894 | High sensitivity troponin: Does the 50% delta change alter clinical outcomes in chest pain presentations to the emergency room?. **2015**, 184, 170-174 | 4 |

| 1893 | Clinical Use of Serum Biomarkers in the Prediction of Cardiovascular Risk. **2015**, 21-38 | |

| 1892 | The Electrocardiogram in Coronary Artery Disease. **2015**, 205-216 | |

| 1891 | Plaque Characterization to Inform the Prediction and Prevention of Periprocedural Myocardial Infarction During Percutaneous Coronary Intervention: The CANARY Trial (Coronary Assessment by Near-infrared of Atherosclerotic Rupture-prone Yellow). **2015**, 8, 927-36 | 68 |

| 1890 | Injury to the coronary arteries and related structures by implantation of cardiac implantable electronic devices. **2015**, 17, 524-9 | 11 |

| 1889 | The Role of Inflammation in Myocardial Infarction. **2015**, 39-65 | 2 |

| 1888 | Imaging Techniques in Acute Heart Failure. **2015**, 68, 612-23 | |

| 1887 | The relationship between on-clopidogrel platelet reactivity, genotype, and post-percutaneous coronary intervention outcomes in Chinese patients. **2015**, 75, 223-9 | 7 |

| 1886 | Implantable cardioverter-defibrillator therapy in patients with ventricular fibrillation out of hospital cardiac arrest secondary to acute coronary syndrome. **2015**, 4, | 12 |

| 1885 | Clinical features and prognosis of type 2 myocardial infarction in vasospastic angina. **2015**, 128, 389-95 | 4 |

| 1884 | Cardiac troponin testing is overused after the rule-in or rule-out of myocardial infarction. **2015**, 61, 436-8 | 4 |

| 1883 | Cardiac troponin assays: a review of quantitative point-of-care devices and their efficacy in the diagnosis of myocardial infarction. **2015**, 53, 665-76 | 49 |

| 1882 | Rapid exclusion of acute myocardial infarction in patients with undetectable troponin using a sensitive troponin I assay. **2015**, 52, 543-9 | 19 |

| 1881 | Urinary 11-dehydro-thromboxane B2 is associated with cardiovascular events and mortality in patients with atrial fibrillation. **2015**, 170, 490-7.e1 | 22 |

| 1880 | The impact of gender on long-term mortality in patients with multivessel disease after primary percutaneous coronary intervention. **2015**, 23, 592-9 | 9 |

| 1879 | The diagnostic and prognostic potential of plasma extracellular vesicles for cardiovascular disease. **2015**, 15, 1577-88 | 38 |

| 1878 | Clinical and Functional Outcomes Associated With Myocardial Injury After Transfemoral and Transapical Transcatheter Aortic Valve Replacement: A Subanalysis From the PARTNER Trial (Placement of Aortic Transcatheter Valves). **2015**, 8, 1468-1479 | 29 |

| 1877 | Temporal changes in the use and results of exercise echocardiography. **2015**, 16, 1207-12 | 16 |

1876	Interatrial septum puncture in an atypical scenario. **2015**, 17, 529	
1875	Antithrombotic strategy variability in ATrial fibrillation and obstructive coronary disease revascularized with PCI-rationale and study design of the prospective observational multicenter AVIATOR 2 registry. **2015**, 170, 1234-42	3
1874	Three-month outcome of patients with suspected acute coronary syndrome using point-of-care cardiac troponin-T testing compared with laboratory-based cardiac troponin-T testing: a randomised trial. **2015**, 32, 601-7	10
1873	Perioperative elafin for ischaemia-reperfusion injury during coronary artery bypass graft surgery: a randomised-controlled trial. **2015**, 101, 1639-45	23
1872	Clinical interpretation of high sensitivity troponin T. **2015**, 145, 258-263	
1871	Das initiale Management des akuten Koronarsyndroms. **2015**, 18, 984-1002	3
1870	Prise en charge en urgence des syndromes coronariens aigus non-ST+en 2015. **2015**, 5, 320-328	
1869	15-Year Patency and Life Expectancy After Primary Stenting Guided by Intravascular Ultrasound for Iliac Artery Lesions in Peripheral Arterial Disease. **2015**, 8, 1893-901	29
1868	Text Classification-Based Automatic Recruitment of Patients for Clinical Trials: A Silver Standards-Based Case Study. **2015**,	0
1867	Response to letter to the editor by Stephen W. Smith, MD. **2015**, 169, e11	
1866	Tolerance of rapid right ventricular pacing during thoracic endovascular aortic repair. **2015**, 29, 578-85	9
1865	Postoperative coronary artery spasm after mitral valve replacement. **2015**, 8C, 185-8	4
1864	Evaluation of analytical performance and comparison of clinical results of the new generation method AccuTnI+3 for the measurement of cardiac troponin I using both patients and quality control plasma samples. **2015**, 451, 129-34	10
1863	Cost-Effectiveness of Highly Sensitive Cardiac Troponin T to Rule Out Acute Rejection After Heart Transplantation. **2015**, 47, 2395-6	2
1862	Correlation between autonomous function and left ventricular performance after acute myocardial infarction. **2015**, 2015, 3343-6	2
1861	Heart-type fatty acid binding protein in early diagnosis of myocardial infarction in the era of high-sensitivity troponin: a systematic review and meta-analysis. **2015**, 52, 370-81	17
1860	2014 ACC/AHA Key Data Elements and Definitions for Cardiovascular Endpoint Events in Clinical Trials: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Data Standards (Writing Committee to Develop Cardiovascular Endpoints Data Standards). **2015**, 132, 302-61	176
1859	Prevalence and outcome of patients with left bundle branch block and suspected acute myocardial infarction. **2015**, 182, 164-5	5

1858	Diagnostic performance of cardiac Troponin I for early rule-in and rule-out of acute myocardial infarction: Results of a prospective multicenter trial. **2015**, 48, 254-9	20
1857	Malondialdehyde-modified low-density lipoprotein is a predictor of cardiac events in patients with stable angina on lipid-lowering therapy after percutaneous coronary intervention using drug-eluting stent. **2015**, 239, 311-7	19
1856	New myocardial infarction definition affects incidence, mortality, hospitalization rates and prognosis. **2015**, 22, 1272-80	11
1855	Association of thiol/disulfide ratio with syntax score in patients with NSTEMI. **2015**, 49, 95-100	37
1854	Inter-rater reliability of J-point location and measurement of the magnitude of ST segment elevation at the J-point on ECGs of STEMI patients by emergency department doctors. **2015**, 32, 809-12	2
1853	A single blood test to rule out myocardial infarction?. **2015**, 350, h79	1
1852	Pre-treatment with glucagon-like Peptide-1 protects against ischemic left ventricular dysfunction and stunning without a detected difference in myocardial substrate utilization. **2015**, 8, 292-301	40
1851	Procedural feasibility and clinical outcomes in propensity-matched patients treated with bioresorbable scaffolds vs new-generation drug-eluting stents. **2015**, 31, 328-34	20
1850	[Clinical interpretation of high sensitivity troponin T]. **2015**, 145, 258-63	3
1849	Prospective evaluation of post-implantation inflammatory response after EVAR for AAA: influence on patients' 30 day outcome. **2015**, 49, 175-83	50
1848	Is there any difference between the early age myocardial infarction and late age myocardial infarction in terms of psychiatric morbidity in patients who have survived acute myocardial infarction?. **2015**, 57, 10-5	3
1847	Chest pain characteristics and gender in the early diagnosis of acute myocardial infarction. **2015**, 17, 5	24
1846	Use and interpretation of high sensitivity cardiac troponins in patients with chronic kidney disease with and without acute myocardial infarction. **2015**, 48, 247-53	44
1845	Use of copeptin in emergency patients with cardiac chief complaints. **2015**, 4, 393-402	8
1844	Pregnancy risks in women with pre-existing coronary artery disease, or following acute coronary syndrome. **2015**, 101, 525-9	26
1843	Electronic medical record-based performance improvement project to document and reduce excessive cardiac troponin testing. **2015**, 61, 498-504	11
1842	The growth of acute kidney injury: a rising tide or just closer attention to detail?. **2015**, 87, 46-61	159
1841	Medicare claims for myocardial infarction as primary vs. secondary diagnosis. **2015**, 182, 412-3	3

1840	Comparative safety of interleukin-1 blockade with anakinra in patients with ST-segment elevation acute myocardial infarction (from the VCU-ART and VCU-ART2 pilot studies). **2015**, 115, 288-92	100
1839	Sodium tanshinone IIA sulfonate for reduction of periprocedural myocardial injury during percutaneous coronary intervention (STAMP trial): rationale and design. **2015**, 182, 329-33	17
1838	Prognostic performance of a high-sensitivity assay for cardiac troponin I after non-ST elevation acute coronary syndrome: Analysis from MERLIN-TIMI 36. **2015**, 4, 431-40	13
1837	Different degrees of ischaemic injury in the right and left ventricle in cases of severe, nonfatal, pulmonary embolism. **2015**, 129, 525-9	1
1836	Diagnosis and management of type II myocardial infarction: increased demand for a limited supply of evidence. **2015**, 17, 478	19
1835	Computerized Q wave dimensions in athletes and hypertrophic cardiomyopathy patients. **2015**, 48, 362-7	11
1834	Impact of coronary artery stent edge dissections on long-term clinical outcome in patients with acute coronary syndrome: an optical coherence tomography study. **2015**, 86, 237-46	25
1833	Role of non-electrocardiogram-gated contrast-enhanced computed tomography in the diagnosis of acute coronary syndrome. **2015**, 30, 1-8	20
1832	Application and interpretation of high-sensitivity cardiac troponin assays in patients with acute ischemic stroke. **2015**, 46, 1132-40	65
1831	Cardiotoxic effect due to accidental ingestion of an organic solvent. **2015**, 28, 174-9	
1830	Variant recurrent risk among stroke patients with different CYP2C19 phenotypes and treated with clopidogrel. **2015**, 26, 558-62	30
1829	Regarding manuscript: "Incidence, angiographic features, and outcomes of patients presenting with subtle ST-elevation myocardial infarction". **2015**, 169, e9	
1828	Prognostic Significance of Peri-procedural Myocardial Infarction in the Era of High Sensitivity Troponin: A Validation of the Joint ACCF/AHA/ESC/WHF Universal Definition of Type 4a Myocardial Infarction with High Sensitivity Troponin T. **2015**, 24, 673-81	18
1827	Efficacy of electroacupuncture pretreatment for myocardial injury in patients undergoing percutaneous coronary intervention: A randomized clinical trial with a 2-year follow-up. **2015**, 194, 28-35	31
1826	The 24-Month Prognosis of Patients With Positive or Intermediate Results in the Intracoronary Ergonovine Provocation Test. **2015**, 8, 914-23	35
1825	Multimodality Intravascular Imaging to Predict Periprocedural Myocardial Infarction During Percutaneous Coronary Intervention. **2015**, 8, 937-45	49
1824	Complete revascularisation versus treatment of the culprit lesion only in patients with ST-segment elevation myocardial infarction and multivessel disease (DANAMI-3âPRIMULTI): an open-label, randomised controlled trial. **2015**, 386, 665-71	527
1823	Tčnicas de imagen en la insuficiencia cardiaca aguda. **2015**, 68, 612-623	1

| 1822 | Normal prehospital electrocardiography is linked to long-term survival in patients presenting to the emergency department with symptoms of acute coronary syndrome. **2015**, 48, 520-6 | 4 |

| 1821 | Preprocedural N-terminal pro-B-type natriuretic peptide as a useful marker for predicting periprocedural myocardial injury following percutaneous coronary intervention in diabetic patients without cardiac dysfunction. **2015**, 75, 568-77 | 4 |

| 1820 | Myocardial infarction. **2015**, 271-325 | |

| 1819 | Impact of diabetes duration on the extent and severity of coronary atheroma burden and long-term clinical outcome in asymptomatic type 2 diabetic patients: evaluation by Coronary CT angiography. **2015**, 16, 1065-73 | 43 |

| 1818 | Risk Factors and Markers for Acute Myocardial Infarction With Angiographically Normal Coronary Arteries. **2015**, 116, 838-44 | 31 |

| 1817 | Low high-sensitivity troponin I and zero coronary artery calcium score identifies coronary CT angiography candidates in whom further testing could be avoided. **2015**, 22, 1060-7 | 14 |

| 1816 | Impact of an endurance training program on exercise-induced cardiac biomarker release. **2015**, 308, H913-20 | 32 |

| 1815 | Novel high-sensitivity troponin assay requires higher cut-off value to separate acute myocardial infarction from non-acute myocardial infarction in a high-risk population. **2015**, 93, 873-7 | 5 |

| 1814 | High-sensitivity cardiac troponin I in the general population--defining reference populations for the determination of the 99th percentile in the Gutenberg Health Study. **2015**, 53, 699-706 | 47 |

| 1813 | Defibrillator implantations for primary prevention in the United States: Inappropriate care or inadequate documentation: Insights from the National Cardiovascular Data ICD Registry. **2015**, 12, 2086-93 | 4 |

| 1812 | Red blood cell distribution width and erythrocyte deformability in patients with acute myocardial infarction. **2015**, 59, 107-14 | 19 |

| 1811 | Acute anterior myocardial infarction after "Bonzai" use. **2015**, 15, 265-6 | 3 |

| 1810 | Current applications of biomarkers in cardiomyopathies. **2015**, 13, 825-37 | 9 |

| 1809 | Expression level of miR-155 in peripheral blood. **2015**, 8, 214-9 | 7 |

| 1808 | Cardiac enzyme (troponin levels) elevation in cardiac myxomas: Is it real?. **2015**, 15, 264 | 1 |

| 1807 | Factor XIII B subunit polymorphisms and the risk of coronary artery disease. **2015**, 16, 1143-59 | 15 |

| 1806 | Circulating Cardiac Troponins as Specific Biomarkers of Myocardial Damage: Clinical Considerations. **2015**, 193-209 | |

| 1805 | Plaque Characterization by Coronary Computed Tomography Angiography and the Likelihood of Acute Coronary Events in Mid-Term Follow-Up. *Journal of the American College of Cardiology*, **2015**, 66, 337-46 | 15.1 | 417 |

| 1786 | Performance characteristics of loci method for measuring cardiac troponin I on the dimension EXL. **2015**, 1, 42-47 | | 6 |

| 1785 | Basal hyperaemia is the primary abnormality of perfusion in Takotsubo cardiomyopathy: a quantitative cardiac perfusion positron emission tomography study. **2015**, 16, 1162-9 | | 13 |

| 1784 | Impact on Patient Management and Outcome of Switching between 2 Contemporary Sensitive Cardiac Troponin Assays. **2015**, 61, 870-6 | | 1 |

| 1783 | What to expect when measuring high-sensitivity troponin: practical advice for clinicians. *Journal of the American College of Cardiology*, **2015**, 65, 1665-1667 | 15.1 | 7 |

| 1782 | Positive predictive value of an elevated cardiac troponin for type I myocardial infarction in ED patients based on the chief complaint. **2015**, 33, 516-20 | | 3 |

| 1781 | Relation of perioperative elevation of troponin to long-term mortality after orthopedic surgery. **2015**, 115, 1643-8 | | 19 |

| 1780 | Implications of Introducing High-Sensitivity Cardiac Troponin T Into Clinical Practice: Data From the SWEDEHEART Registry. *Journal of the American College of Cardiology*, **2015**, 65, 1655-1664 | 15.1 | 48 |

| 1779 | Challenges in harmonizing integrated healthcare network laboratories: Multi-center evaluation of the AccuTnI+3 troponin assay. **2015**, 48, 268-74 | | 6 |

| 1778 | High platelet reactivity and periprocedural myocardial infarction in patients undergoing percutaneous coronary intervention: A significant association beyond definitions. **2015**, 190, 124-5 | | 9 |

| 1777 | Effects of hemolysis on the diagnostic accuracy of cardiac troponin I for the diagnosis of myocardial infarction. **2015**, 187, 313-5 | | 5 |

| 1776 | Tai Chi Chuan improves functional capacity after myocardial infarction: A randomized clinical trial. **2015**, 169, 854-60 | | 22 |

| 1775 | Prevalence and outcomes of non-ST-segment elevation myocardial infarction resulting from stent thrombosis. **2015**, 16, 204-7 | | 3 |

| 1774 | Comparison of everolimus- and biolimus-eluting coronary stents with everolimus-eluting bioresorbable vascular scaffolds. *Journal of the American College of Cardiology*, **2015**, 65, 791-801 | 15.1 | 169 |

| 1773 | Survival in patients without acute ST elevation after cardiac arrest and association with early coronary angiography: a post hoc analysis from the TTM trial. **2015**, 41, 856-64 | | 61 |

| 1772 | Comparison of Ticagrelor Versus Prasugrel to Prevent Periprocedural Myonecrosis in Acute Coronary Syndromes. **2015**, 116, 339-43 | | 24 |

| 1771 | A novel electrocardiogram parameterization algorithm and its application in myocardial infarction detection. **2015**, 61, 178-84 | | 70 |

| 1770 | Preoperative rosuvastatin protects patients with coronary artery disease undergoing noncardiac surgery. **2015**, 131, 30-7 | | 27 |

| 1769 | Coronary Heart Disease Syndromes: Pathophysiology and Clinical Recognition. **2015**, 365-407 | | 3 |

1768	Between Death and Hope After Out-of-Hospital Cardiac Arrest: Should We Rely on Biomarkers?. *Journal of the American College of Cardiology*, **2015**, 65, 2115-7	15.1	1
1767	The Manchester Acute Coronary Syndromes (MACS) decision rule: validation with a new automated assay for heart-type fatty acid binding protein. **2015**, 32, 769-74		23
1766	Expedited discharge with high-sensitivity (hs) troponin. **2015**, 101, 1000-1		
1765	Misdiagnosis of Myocardial Infarction Related to Limitations of the Current Regulatory Approach to Define Clinical Decision Values for Cardiac Troponin. **2015**, 131, 2032-40		88
1764	Early rule-out of acute coronary syndrome using undetectable levels of high sensitivity troponin T. **2015**, 4, 403-9		23
1763	A novel diagnostic protocol to identify patients suitable for discharge after a single high-sensitivity troponin. **2015**, 101, 1041-6		56
1762	Novel approaches for preventing or limiting events (Naples) III trial: randomized comparison of bivalirudin versus unfractionated heparin in patients at increased risk of bleeding undergoing transfemoral elective coronary stenting. **2015**, 8, 414-423		39
1761	Rapidly rule out acute myocardial infarction by combining copeptin and heart-type fatty acid-binding protein with cardiac troponin. **2015**, 52, 550-61		17
1760	Proposed research plan for the derivation of a new Cardiac Risk Index. **2015**, 120, 543-553		30
1759	Effectiveness of practices for improving the diagnostic accuracy of Non ST Elevation Myocardial Infarction in the Emergency Department: A Laboratory Medicine Best PracticesâSystematic review. **2015**, 48, 204-12		17
1758	The prognostic value of undetectable highly sensitive cardiac troponin I in patients with acute pulmonary embolism. **2015**, 147, 685-694		19
1757	Defining normality in a European multinational cohort: Critical factors influencing the 99th percentile upper reference limit for high sensitivity cardiac troponin I. **2015**, 187, 256-63		29
1756	Troponin rise in hospitalized patients with nonacute coronary syndrome: retrospective assessment of outcomes and predictors. **2015**, 31, 296-301		9
1755	Diagnosis of type 1 and type 2 myocardial infarction using a high-sensitivity cardiac troponin I assay with sex-specific 99th percentiles based on the third universal definition of myocardial infarction classification system. **2015**, 61, 657-63		55
1754	Relationship of T2-Weighted MRI Myocardial Hyperintensity and the Ischemic Area-At-Risk. **2015**, 117, 254-65		64
1753	Beta-Blocker Therapy After Myocardial Infarction: More Questions Than Answers. *Journal of the American College of Cardiology*, **2015**, 66, 1442-4	15.1	2
1752	The Log book for the secondary prevention of coronary artery disease: A pilot study. **2015**, 44, e301-9		
1751	Predictors and impact of myocardial injury after transcatheter aortic valve replacement: a multicenter registry. *Journal of the American College of Cardiology*, **2015**, 66, 2075-2088	15.1	40

| 1750 | European Resuscitation Council Guidelines for Resuscitation 2015 Section 8. Initial management of acute coronary syndromes. **2015**, 95, 264-77 | 56 |

| 1749 | Relation of Lipid Content of Coronary Plaque to Level of Serum Uric Acid. **2015**, 116, 1346-50 | 24 |

| 1748 | Drug-Coated Balloons Versus Second-Generation Drug-Eluting Stents for the Management of Recurrent Multimetal-Layered In-Stent Restenosis. **2015**, 8, 1586-94 | 32 |

| 1747 | Trends in acute myocardial infarction hospitalizations: Are we seeing the whole picture?. **2015**, 170, 1211-9 | 21 |

| 1746 | Ticagrelor or prasugrel versus clopidogrel in elderly patients with an acute coronary syndrome: Optimization of antiplatelet treatment in patients 70 years and older--rationale and design of the POPular AGE study. **2015**, 170, 981-985.e1 | 33 |

| 1745 | Non-O blood groups can be a prognostic marker of in-hospital and long-term major adverse cardiovascular events in patients with ST elevation myocardial infarction undergoing primary percutaneous coronary intervention. **2015**, 136, 599-605 | 6 |

| 1744 | Cardiac Troponin and Risk Stratification in Ischemic Heart Disease. **2015**, 373, 672-4 | 5 |

| 1743 | Troponin and Cardiac Events in Stable Ischemic Heart Disease and Diabetes. **2015**, 373, 610-20 | 157 |

| 1742 | Optical Coherence Tomography Guided Percutaneous Coronary Intervention With Nobori Stent Implantation in Patients With Non-ST-Segment-Elevation Myocardial Infarction (OCTACS) Trial: Difference in Strut Coverage and Dynamic Malapposition Patterns at 6 Months. **2015**, 8, e002446 | 28 |

| 1741 | [Acute coronary syndrome]. **2015**, 140, 97-103 | 0 |

| 1740 | The regional myocardial infarction registry of Saxony-Anhalt (RHESA) in Germany - rational and study protocol. **2015**, 15, 45 | 4 |

| 1739 | From Protecting the Heart to Improving Athletic Performance - the Benefits of Local and Remote Ischaemic Preconditioning. **2015**, 29, 573-588 | 28 |

| 1738 | European Resuscitation Council Guidelines for Resuscitation 2015: Section 1. Executive summary. **2015**, 95, 1-80 | 622 |

| 1737 | Individual variability of high-sensitivity cardiac troponin levels after aerobic exercise is not mediated by exercise mode. **2015**, 20, 219-24 | 13 |

| 1736 | 2014 ACC/AHA Key Data Elements and Definitions for Cardiovascular Endpoint Events in Clinical Trials: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Data Standards (Writing Committee to Develop Cardiovascular Endpoints Data Standards). **2015**, 22, 1041-144 | 25 |

| 1735 | The prognostic value of admission red cell distribution width-to-platelet ratio in patients with ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention. **2015**, 34, 597-606 | 11 |

| 1734 | Monocyte/HDL-cholesterol ratio predicts the definite stent thrombosis after primary percutaneous coronary intervention for ST-segment elevation myocardial infarction. **2015**, 9, 967-77 | 52 |

| 1733 | Historical perspective and contemporary management of acute coronary syndromes: from MONA to THROMBINS2. **2015**, 127, 855-62 | 8 |

1732	Individual variability in cardiac biomarker release after 30 min of high-intensity rowing in elite and amateur athletes. **2015**, 40, 951-8		15
1731	OCT-Defined Morphological Characteristics of Coronary Artery Spasm ́Sites in Vasospastic Angina. **2015**, 8, 1059-1067		60
1730	Utilization of cardiac troponin assays in adult and pediatric populations: Guideline recommendations vs. reality. **2015**, 48, 1213-8		6
1729	Relation between stent thrombosis and calcium channel blocker after drug-eluting stent implantation: Kumamoto Intervention Conference Study (KICS) registry. **2015**, 66, 333-40		4
1728	Quantitative Dobutamine Stress Echocardiography Using Speckle-Tracking Analysis versus Conventional Visual Analysis for Detection of Significant Coronary Artery Disease after ST-Segment Elevation Myocardial Infarction. **2015**, 28, 1379-89.e1		23
1727	Vascular and Metabolic Implications of Novel Targeted Cancer Therapies: Focus on Kinase Inhibitors. *Journal of the American College of Cardiology*, **2015**, 66, 1160-78	15.1	117
1726	Outcome Reporting in Cardiac Surgery Trials: Systematic Review and Critical Appraisal. **2015**, 4, e002204		16
1725	Coronary atherosclerosis and adverse outcomes in patients with recent-onset atrial fibrillation and troponin rise. **2015**, 33, 1407-13		8
1724	Clinical Interpretation of Elevated Concentrations of Cardiac Troponin T, but Not Troponin I, in Nursing Home Residents. **2015**, 16, 884-91		13
1723	Fully automated ultrasensitive digital immunoassay for cardiac troponin I based on single molecule array technology. **2015**, 61, 1283-91		16
1722	Long-Term Use of Cardiovascular Drugs: Challenges for Research and for Patient Care. *Journal of the American College of Cardiology*, **2015**, 66, 1273-1285	15.1	79
1721	Platelet-bound cyclophilin A in patients with stable coronary artery disease and acute myocardial infarction. **2016**, 27, 155-8		18
1720	The Variation in Recovery: Role of Gender on Outcomes of Young AMI Patients (VIRGO) Classification System: A Taxonomy for Young Women With Acute Myocardial Infarction. **2015**, 132, 1710-8		38
1719	Exploring diagnostic potentials of radioiodinated sennidin A in rat model of reperfused myocardial infarction. **2015**, 495, 31-40		7
1718	High sensitivity-troponin elevation secondary to non-coronary diagnoses and death and recurrent myocardial infarction: An examination against criteria of causality. **2015**, 4, 419-28		12
1717	Cardioprotective effects of timosaponin B II from Anemarrhenae asphodeloides Bge on isoproterenol-induced myocardial infarction in ́rats. **2015**, 240, 22-8		49
1716	Incidence and Potential Mechanism(s) of Post-Procedural Rise of Cardiac Biomarker in Patients With Coronary Artery Narrowing After Implantation of an Everolimus-Eluting Bioresorbable Vascular Scaffold or Everolimus-Eluting Metallic Stent. **2015**, 8, 1053-1063		27
1715	Incremental value of exercise echocardiography over exercise electrocardiography in a chest pain unit. **2015**, 26, 720-5		11

1714	Perioperative and Long-term Outcomes of Endovascular Treatment for Subclavian Artery Disease From a Large Multicenter Registry. **2015**, 22, 626-33	21
1713	Design and baseline data from the Gratitude Research in Acute Coronary Events (GRACE) study. **2015**, 44, 11-19	11
1712	The long-term prognostic value of the Q wave criteria for prior myocardial infarction recommended in the universal definition of myocardial infarction. **2015**, 48, 798-802	3
1711	The prognostic value of admission red cell distribution width-to-platelet ratio in patients with ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention. **2015**, 34, 597-606	7
1710	Peri-procedural myocardial infarction following percutaneous coronary intervention as defined by the Universal Definition predicts increased mortality at 2 years. **2015**, 199, 96-8	3
1709	Inadequate anticoagulation by Vitamin K Antagonists is associated with Major Adverse Cardiovascular Events in patients with atrial fibrillation. **2015**, 201, 513-6	50
1708	Level of Blood Cell-Free Circulating Mitochondrial DNA as a Novel Biomarker of Acute Myocardial Ischemia. **2015**, 80, 1387-92	14
1707	Mediterranean diet reduces thromboxane A2 production in atrial fibrillation patients. **2015**, 34, 899-903	22
1706	[Cardiac troponin beyond acute coronary syndrome]. **2015**, 47, 124	0
1705	Relationship between high-sensitivity cardiac troponin I and blood pressure among young and healthy adults. **2015**, 28, 789-96	24
1704	Influence of coronary vessel dominance on short- and long-term outcome in patients after ST-segment elevation myocardial infarction. **2015**, 36, 1023-30	19
1703	Incidence and timing of serious arrhythmias after early revascularization in non ST-elevation myocardial infarction. **2015**, 4, 359-64	3
1702	How acute changes in cardiac troponin concentrations help to handle the challenges posed by troponin elevations in non-ACS-patients. **2015**, 48, 218-22	17
1701	Cardiac biomarkers and clinical scores for risk stratification in elderly patients with non-high-risk pulmonary embolism. **2015**, 277, 707-16	17
1700	Absolute and relative changes (delta) in troponin I for early diagnosis of myocardial infarction: Results of a prospective multicenter trial. **2015**, 48, 260-7	20
1699	Type 2 myocardial infarction in clinical practice. **2015**, 101, 101-6	140
1698	Glycated hemoglobin vs fasting plasma glucose as a predictor of left ventricular dysfunction after ST-elevation myocardial infarction. **2015**, 31, 44-9	4
1697	Postgame elevation of cardiac markers among elite floorball players. **2015**, 25, 495-500	16

1678 Identification of Patients with Myocardial Infarction. Vectorcardiographic and Electrocardiographic Analysis. **2016**, 55, 242-9 — 10

1677 Efficacy and Safety of Thrombectomy Combined with Intracoronary Administration of Tirofiban in ST-segment Elevation Myocardial Infarction (STEMI). **2016**, 22, 2699-705 — 10

1676 National priorities for perioperative research in South Africa. **2016**, 106, 58-9 — 8

1675 Endpoint Assessment for Cell Therapy in Patients with Intermittent Claudication and Critical Limb Ischemia. **2016**, 117-136

1674 Antioxidative Activity after Rosuvastatin Treatment in Patients with Stable Ischemic Heart Disease and Decreased High Density Lipoprotein Cholesterol. **2016**, 46, 309-14 — 1

1673 Early cardiology assessment and intervention reduces mortality following myocardial injury after non-cardiac surgery (MINS). **2016**, 8, 920-4 — 10

1672 Diagnostic Utility of Neuregulin for Acute Coronary Syndrome. **2016**, 2016, 8025271 — 1

1671 Diagnostic Utility of ANG in Coronary Heart Disease Complicating Chronic Heart Failure: A Cross-Sectional Study. **2016**, 2016, 2740826 — 4

1670 in Patients with Non-ST Elevation Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention: Results from a Multicentre, Placebo-Controlled, Randomized Trial. **2016**, 2016, 7960503 — 9

1669 Can a Point-of-Care Troponin I Assay be as Good as a Central Laboratory Assay? A MIDAS Investigation. **2016**, 36, 405-12 — 12

1668 Appropriate use of serum troponin testing in general practice: a narrative review. **2016**, 205, 91-4 — 4

1667 Intensive plaque modification with rotational atherectomy and cutting balloon before drug-eluting stent implantation for patients with severely calcified coronary lesions: a pilot clinical study. **2016**, 16, 112 — 9

1666 Acute Coronary Syndrome. **2016**, 86-112

1665 Comparison of Cardiac and Non-Cardiac Biomarkers for Risk Stratification in Elderly Patients with Non-Massive Pulmonary Embolism. **2016**, 11, e0155973 — 20

1664 Fasa Registry on Acute Myocardial Infarction (FaRMI): Feasibility Study and Pilot Phase Results. **2016**, 11, e0167579 — 3

1663 Neutrophil to lymphocyte ratio is associated with proximal/middle segment of the LAD lesions in patients with ST segment elevation infarction. **2016**, 41, 386-391 — 1

1662 Efficacy and safety outcomes of ticagrelor compared with clopidogrel in elderly Chinese patients with acute coronary syndrome. **2016**, 12, 1101-5 — 28

1661 Diagnostic Tests in Cardio-oncology. **2016**, 313-343

1660	Chest pain: if it hurts a lot, is heart attack more likely?. **2016**, 23, 89-94	4
1659	A randomized trial assessing the impact of three different glycoprotein IIb/IIIa antagonists on glycoprotein IIb/IIIa platelet receptor inhibition and clinical endpoints in patients with acute coronary syndromes. **2016**, 34, 330-6	4
1658	Preoperative Cardiac Evaluation and Management of the Patient Undergoing Major Vascular Surgery. **2016**, 54, 1-32	10
1657	Edge-to-Edge Technique to Minimize Ovelapping of Multiple Bioresorbable Scaffolds Plus Drug Eluting Stents in Revascularization of Long Diffuse Left Anterior Descending Coronary Artery Disease. **2016**, 29, 275-84	4
1656	Comparison between intermediate and severe coronary stenoses and clinical outcomes of an OCT-guided PCI strategy. **2016**, 17, 361-7	2
1655	NLRX1 attenuates apoptosis and inflammatory responses in myocardial ischemia by inhibiting MAVS-dependent NLRP3 inflammasome activation. **2016**, 76, 90-7	37
1654	Cardiac troponin in patients hospitalized with acute decompensated heart failure: A systematic review and meta-analysis. **2016**, 11, 446-54	12
1653	Predictors of short- and long-term mortality in hospitalized veterans with elevated troponin. **2016**, 11, 773-777	6
1652	Causes of Elevated Cardiac Troponins in the Emergency Department and Their Associated Mortality. **2016**, 23, 1267-1273	36
1651	Clinical profile and in-hospital outcome of Caucasian patients with takotsubo syndrome and right ventricular involvement. **2016**, 219, 455-61	29
1650	Outcome at 30 days for low-risk chest pain patients assessed using an accelerated diagnostic pathway in the emergency department. **2016**, 28, 279-86	4
1649	The Use of Very Low Concentrations of High-sensitivity Troponin T to Rule Out Acute Myocardial Infarction Using a Single Blood Test. **2016**, 23, 1004-13	53
1648	Correlates and outcomes related to periprocedural myocardial injury during percutaneous coronary intervention for chronic total occlusion: Results from a prospective, single center PCI registry. **2016**, 87 Suppl 1, 616-23	11
1647	Intracoronary administration of different doses of anisodamine in primary percutaneous coronary intervention: protective effect in patients with ST-segment elevation myocardial infarction. **2016**, 27, 302-10	6
1646	(123)I-MIBG Scintigraphy in the Subacute State of Takotsubo Cardiomyopathy. **2016**, 9, 982-90	43
1645	Immediate Versus Delayed Invasive Intervention for Non-ST-Segment Elevation Myocardial Infarction Patients (RIDDLE-NSTEMI Study): A Game Changer for Interventional Cardiologists?. **2016**, 9, 1415-6	
1644	Efficacy of Different Perioperative Statin Regimens on Protection Against Post-Coronary Artery Bypass Grafting Major Adverse Cardiac and Cerebral Events. **2016**, 30, 1461-1470	
1643	Rationale and design of the ARCUS: Effects of trAnsRadial perCUtaneouS coronary intervention on upper extremity function. **2016**, 88, 1036-1043	16

| 1642 | Prognostic Value of QRS Fragmentation in Patients with Acute Myocardial Infarction: A Meta-Analysis. **2016**, 21, 604-612 | 25 |

| 1641 | Type D personality is related to severity of acute coronary syndrome in patients with recurrent cardiovascular disease. **2016**, 21, 694-711 | 12 |

| 1640 | Circulating MiR-19b-3p, MiR-134-5p and MiR-186-5p are Promising Novel Biomarkers for Early Diagnosis of Acute Myocardial Infarction. **2016**, 38, 1015-29 | 87 |

| 1639 | Ventricular longitudinal function is associated with microvascular obstruction and intramyocardial haemorrhage. **2016**, 3, e000337 | 7 |

| 1638 | Characteristics of B′cell-associated gene expression in patients with coronary artery disease. **2016**, 13, 4113-21 | 11 |

| 1637 | microRNA assays for acute coronary syndromes. **2016**, 3, 183-188 | 3 |

| 1636 | Ensuring Accurate ST-Segment Monitoring. **2016**, 36, e18-e25 | |

| 1635 | Chronic Oral Study of Myosin Activation to Increase Contractility in Heart Failure (COSMIC-HF): a phase 2, pharmacokinetic, randomised, placebo-controlled trial. **2016**, 388, 2895-2903 | 158 |

| 1634 | Electrocardiographic indicators of acute coronary syndrome are more common in patients with ambulance transport compared to those who self-transport to the emergency department journal of electrocardiology. **2016**, 49, 944-950 | 3 |

| 1633 | Safety and Tolerability of CSL112, a Reconstituted, Infusible, Plasma-Derived Apolipoprotein A-I, After Acute Myocardial Infarction: The AEGIS-I Trial (ApoA-I Event Reducing in Ischemic Syndromes I). **2016**, 134, 1918-1930 | 110 |

| 1632 | Plasma levels of growth differentiation factor-15 are associated with myocardial injury in patients undergoing off-pump coronary artery bypass grafting. **2016**, 6, 28221 | 11 |

| 1631 | Determinants of excess mortality following unprotected left main stem percutaneous coronary intervention. **2016**, 102, 1287-95 | 5 |

| 1630 | Cardiac Remote Ischemic Preconditioning Prior to Elective Vascular Surgery (CRIPES): A Prospective, Randomized, Sham-Controlled Phase II Clinical Trial. **2016**, 5, | 24 |

| 1629 | Different Prognostic Significance of Cardiac Troponin at Presentation and Peak Cardiac Troponin in Patients with Non-ST Segment Elevation Myocardial Infarction. **2016**, 134, 384-8 | 3 |

| 1628 | Incidence and impact on prognosis of peri-procedural myocardial infarction in 2760 elective patients with stable angina pectoris in a historical prospective follow-up study. **2016**, 16, 140 | 10 |

| 1627 | Myocardial infarction detection and classification âA new multi-scale deep feature learning approach. **2016**, | 7 |

| 1626 | External validation of the emergency department assessment of chest pain score accelerated diagnostic pathway (EDACS-ADP). **2016**, 33, 618-25 | 34 |

| 1625 | Effect of restrictive versus liberal transfusion strategies on outcomes in patients with cardiovascular disease in a non-cardiac surgery setting: systematic review and meta-analysis. **2016**, 352, i1351 | 135 |

1624	Abstracts from the BJA Research Forum London, May 26â27, 2016. **2016**, 117, e838-e847	
1623	Pain Tolerance in Persons With Recognized and Unrecognized Myocardial Infarction: A Population-Based, Cross-Sectional Study. **2016**, 5,	11
1622	Troponin T in Prediction of Culprit Lesion Coronary Artery Disease and 1-Year Major Adverse Cerebral and Cardiovascular Events in Patients with Acute Stroke. **2016**, 7, 180-5	2
1621	Association between gastroesophageal reflux disease and coronary heart disease: A nationwide population-based analysis. **2016**, 95, e4089	16
1620	Long-term complications of splenectomy in adult immune thrombocytopenia. **2016**, 95, e5098	41
1619	Diagnosis and management of heart disease in the elderly. **2016**, 157-186	
1618	Technological Advances in Cardiovascular Safety Assessment Decrease Preclinical Animal Use and Improve Clinical Relevance. **2016**, 57, 120-132	7
1617	Cardiac Vulnerability to Cerebrogenic Stress as a Possible Cause of Troponin Elevation in Stroke. **2016**, 5,	16
1616	The Potential Role of Combined Highly Sensitive Troponin and Coronary Computed Tomography Angiography in the Evaluation of Patients with Suspected Acute Coronary Syndrome in the Emergency Department. **2016**, 9, 1	
1615	An Elevated Glycemic Gap is Associated with Adverse Outcomes in Diabetic Patients with Acute Myocardial Infarction. **2016**, 6, 27770	28
1614	Increased complements and high-sensitivity C-reactive protein predict heart failure in acute myocardial infarction. **2016**, 5, 761-765	7
1613	How Good Does It Need to Be?. *Journal of the American College of Cardiology*, **2016**, 67, 1541-1543	15.1
1612	Atrial Fibrillation and Myocardial Infarction: A Systematic Review and Appraisal of Pathophysiologic Mechanisms. **2016**, 5,	102
1611	The spectrum of disturbances in cerebral function in elderly patients with pulmonary embolism. **2016**, 34, 651	
1610	A single value of high-sensitive troponin T below the limit of detection is not enough for ruling out non ST elevation myocardial infarction in the emergency department. **2016**, 49, 1113-1117	8
1609	Prognostic Value of High-sensitivity Troponin T After Percutaneous Coronary Intervention in Patients With Stable Coronary Artery Disease. **2016**, 69, 746-53	0
1608	Valor pronÐtico de la troponina T de alta sensibilidad tras intervenciÑ coronaria percutÐea en pacientes con enfermedad coronaria estable. **2016**, 69, 746-753	12
1607	Myocardial injury through serum troponin I and echocardiography in anaphylaxis: Takotsubo cardiomyopathy and the Kounis hypersensitivity-associated acute coronary syndrome. **2016**, 34, 650-1	3

1606	Safety of hydrophilic guidewires used for side-branch protection during stenting and proximal optimization technique in coronary bifurcation lesions. **2016**, 17, 456-462		4
1605	Electrocardiographic diagnosis of ST segment elevation myocardial infarction: An evaluation of three automated interpretation algorithms. **2016**, 49, 728-32		35
1604	Assessment of Administrative Data to Identify Acute Myocardial Infarction in Electronic Health Records. *Journal of the American College of Cardiology*, **2016**, 67, 2441-2442	15.1	6
1603	Platelet reactivity in patients receiving a maintenance dose of P2Y12-ADP receptor antagonists undergoing elective percutaneous coronary intervention. **2016**, 216, 190-3		6
1602	Prognostic Value of Coronary Artery Calcium Scoring in Addition to Single-Photon Emission Computed Tomographic Myocardial Perfusion Imaging in Symptomatic Patients. **2016**, 9,		43
1601	Provoking conditions, management and outcomes of type 2 myocardial infarction and myocardial necrosis. **2016**, 218, 196-201		26
1600	Long-term mipomersen treatment is associated with a reduction in cardiovascular events in patients with familial hypercholesterolemia. **2016**, 10, 1011-1021		82
1599	The association between prehospital transportation and clinical outcomes in patients with non-STEMI. **2016**, 34, 1676-7		
1598	Immediate response to prasugrel loading in patients with ST-elevation myocardial infarction: Predictors and outcome. **2016**, 144, 176-81		1
1597	Pilot study on harmonization of cardiac troponin I immunoassays using patients and quality control plasma samples. On behalf of the Italian Section of the European Ligand Assay Society (ELAS) and of the Study Group on Cardiovascular Biomarkers of the Societ̂ Italiana di Biochimica Clinica (SIBioC). **2016**, 456, 42-48		22
1596	Prospective evaluation of postimplantation syndrome evolution on patient outcomes after endovascular aneurysm repair for abdominal aortic aneurysm. **2016**, 63, 1248-55		16
1595	Relationship between electrocardiographic findings and Cardiac Magnetic Resonance phenotypes in patients with Hypertrophic Cardiomyopathy. **2016**, 11, 7-11		12
1594	Deferred versus conventional stent implantation in patients with ST-segment elevation myocardial infarction (DANAMI 3-DEFER): an open-label, randomised controlled trial. **2016**, 387, 2199-206		101
1593	The Utility of Point-of-Care Biomarkers to Detect Cardiotoxicity During Anthracycline Chemotherapy: A Feasibility Study. **2016**, 22, 433-8		46
1592	Baicalein protects isoproterenol induced myocardial ischemic injury in male Wistar rats by mitigating oxidative stress and inflammation. **2016**, 65, 613-22		53
1591	Coronary Thrombosis and Major Bleeding After PCI With Drug-Eluting Stents: Risk Scores From PARIS. *Journal of the American College of Cardiology*, **2016**, 67, 2224-2234	15.1	306
1590	Percutaneous Coronary Intervention in ́Native Coronary Arteries Versus Bypass ́Grafts in Patients With Prior Coronary Artery Bypass Graft Surgery: Insights From the Veterans Affairs Clinical Assessment, Reporting, and Tracking Program. **2016**, 9, 884-93		78
1589	Monocyte to HDL Cholesterol Ratio Predicts Coronary Artery Disease Severity and Future Major Cardiovascular Adverse Events in Acute Coronary Syndrome. **2016**, 25, 1077-1086		84

1588   Prognostic significance of whole blood viscosity estimated by de Simone's formula in ST-elevation myocardial infarction. **2016**, 10, 495-511   13

1587   Prognostic value of plasma biomarkers in patients with acute coronary syndrome: a review of advances in the past decade. **2016**, 10, 525-35   7

1586   Review of the 2014 AHA/ACC Guideline for the Management of Patients with Non-ST-Elevation Acute Coronary Syndromes: What is New and Why?. **2016**, 10, 1   1

1585   Plasma cardiac troponin I concentrations in healthy neonates, children and adolescents measured with a high sensitive immunoassay method: High sensitive troponin I in pediatric age. **2016**, 458, 68-71   40

1584   Electrophysiological Effects of Selective Atrial Coronary Artery Occlusion in Humans. **2016**, 133, 2235-42   28

1583   Variant Aldehyde Dehydrogenase 2 (ALDH2*2) Is a Risk Factor for Coronary Spasm and ST-Segment Elevation Myocardial Infarction. **2016**, 5,   16

1582   Detection of Cardiac Abnormalities from Multilead ECG using Multiscale Phase Alternation Features. **2016**, 40, 143   14

1581   Pediatric Electrocardiography. **2016**,

1580   Sudden cardiac death and chronic kidney disease: From pathophysiology to treatment strategies. **2016**, 217, 16-27   52

1579   Effect of Modifying Antiplatelet Treatment to Ticagrelor in High-Risk Coronary Patients With Low Response to Clopidogrel (MATTIS). **2016**, 32, 1246.e13-1246.e19   4

1578   Chronic Obstructive Pulmonary Disease and Cardiac Diseases. An Urgent Need for Integrated Care. **2016**, 194, 1319-1336   115

1577   Optical coherence tomography-based diagnosis in a patient with ST-elevation myocardial infarction and no obstructive coronary arteries. **2016**, 223, 146-148   5

1576   Pre-hospital ticagrelor in patients with ST-segment elevation myocardial infarction with long transport time to primary PCI facility. **2016**, 17, 528-534   7

1575   Troponin Elevation Beyond Coronary Arteries. **2016**, 319-340

1574   Differences in Short- and Long-Term Outcomes Among Older Patients With ST-Elevation Versus Non-ST-Elevation Myocardial Infarction With Angiographically Proven Coronary Artery Disease. **2016**, 9, 513-22   23

1573   Interventions that improve health-related quality of life in patients with myocardial infarction. **2016**, 25, 2725-2737   17

1572   Impact of Angiographic Result After Predilatation on Outcome After Drug-Coated Balloon Treatment of In-Stent Coronary Restenosis. **2016**, 118, 1460-1465   23

1571   Angiographic result of sirolimus-eluting balloon in de novo small coronary artery lesion (ARSENAL). **2016**, 222, 992-994   5

1570	Myocardial injury in patients with hemodynamic derangements during and/or after liver transplantation. **2016**, 30, 1552-1557		14
1569	Vascular surgery-related organ injury and protective strategies: update and future prospects. **2016**, 117 Suppl 2, ii32-ii43		14
1568	Cardioprotective effect of atorvastatin alone or in combination with remote ischemic preconditioning on the biochemical changes induced by ischemic/reperfusion injury in a mutual prospective study with a clinical and experimental animal arm. **2016**, 222, 866-873		12
1567	Thienopyridine reloading in clopidogrel-loaded patients undergoing percutaneous coronary interventions: The PRAISE study. **2016**, 222, 639-644		3
1566	Cangrelor: Fixing Life or Just a Leak?. **2016**, 9, 1914-6		1
1565	Percutaneous Intervention for Concurrent Chronic Total Occlusions in Patients With STEMI: The EXPLORE Trial. *Journal of the American College of Cardiology*, **2016**, 68, 1622-1632	15.1	205
1564	Illness perception in patients with coronary artery disease: A systematic review. **2016**, 22, 633-648		12
1563	Impact of Gender on the Prognostic Value of Coronary Artery Calcium in Symptomatic Patients With Normal Single-Photon Emission Computed Tomography Myocardial Perfusion. **2016**, 118, 1611-1615		3
1562	Post myocardial infarct detection with support vector machine and ECG intervals ratios JTp/JT, Tpe/JTp and Tpe/JT. **2016**,		2
1561	Role of New Antiplatelet Drugs on Cardiovascular Disease: Update on Cangrelor. **2016**, 18, 66		6
1560	Serum Endotoxin Activity Measured with Endotoxin Activity Assay Is Associated with Serum Interleukin-6 Levels in Patients on Chronic Hemodialysis. **2016**, 42, 294-300		8
1559	Physician-level variation in the diagnosis of myocardial infarction and the use of angiography among Veterans with elevated troponin. **2016**, 3, 22		0
1558	Consistent Reduction in Periprocedural Myocardial Infarction With Cangrelor as Assessed by Multiple Definitions: Findings From CHAMPION PHOENIX (Cangrelor Versus Standard Therapy to Achieve Optimal Management of Platelet Inhibition). **2016**, 134, 723-33		23
1557	The Vascular Quality Initiative Cardiac Risk Index for prediction of myocardial infarction after vascular surgery. **2016**, 64, 1411-1421.e4		45
1556	Randomized Comparison of High-Sensitivity Troponin Reporting in Undifferentiated Chest Pain Assessment. **2016**, 9, 542-53		18
1555	Cardiac Troponins in Dogs and Cats. **2016**, 30, 36-50		58
1554	Recanalization of Chronic Total Occlusions in Patients With Previous Coronary Bypass Surgery and Consideration of Retrograde Access via Saphenous Vein Grafts. **2016**, 9,		46
1553	Rationale and design of Apo-I Event Reduction in Ischemic Syndromes I (AEGIS-I): A phase 2b, randomized, placebo-controlled, dose-ranging trial to investigate the safety and tolerability of CSL112, a reconstituted, infusible, human apoA-I, after acute myocardial infarction. **2016**, 180, 22-8		23

1552   Cardiac Monitoring in the Emergency Department. **2016**, 28, 331-45   4

1551   Serum miRNA-499 and miRNA-210: A potential role in early diagnosis of acute coronary syndrome. **2016**, 68, 673-82   34

1550   Impact of the high-frequency cutoff of bandpass filtering on ECG quality and clinical interpretation: A comparison between 40Hz and 150Hz cutoff in a surgical preoperative adult outpatient population. **2016**, 49, 691-5   13

1549   Perioperative antiplatelet therapy and cardiovascular outcomes in patients undergoing joint and spine surgery. **2016**, 35, 163-169   8

1548   Psychiatric history, post-discharge distress, and personality characteristics among incident female cases of takotsubo cardiomyopathy: A case-control study. **2016**, 45, 503-509   23

1547   Relation of Neutrophil to Lymphocyte Ratio With Periprocedural Myocardial Damage in Patients Undergoing Elective Percutaneous Coronary Intervention. **2016**, 118, 980-4   9

1546   U-shaped relationship between vitamin D levels and long-term outcome in large cohort of survivors of acute myocardial infarction. **2016**, 223, 962-966   14

1545   Prevalence and significance of troponin elevations in patients without acute coronary disease. **2016**, 222, 819-825   19

1544   Ongoing Challenges with Type 2 Myocardial Infarction. **2016**, 129, e155   1

1543   Handbook of Consult and Inpatient Gynecology. **2016**,

1542   Clinical Outcomes of Vasospastic Angina Patients Presenting With Acute Coronary Syndrome. **2016**, 5,   15

1541   Perceived clinician-patient communication in the emergency department and subsequent post-traumatic stress symptoms in patients evaluated for acute coronary syndrome. **2016**, 33, 626-31   31

1540   Timing of Coronary Invasive Strategy in Non-ST-Segment Elevation Acute Coronary Syndromes and Clinical Outcomes: An Updated Meta-Analysis. **2016**, 9, 2267-2276   44

1539   Abrogation of CC chemokine receptor 9 ameliorates ventricular remodeling in mice after myocardial infarction. **2016**, 6, 32660   11

1538   Cytomegalovirus-Productive Infection Is Associated With Acute Coronary Syndrome. **2016**, 5,   32

1537   Impact of chronic kidney disease on clinical outcomes in patients with non-ST elevation myocardial infarction receiving percutaneous coronary intervention - A five-year observational study. **2016**, 220, 166-72   7

1536   Cardiac Troponin: Myocardial Infarction and More. **2016**, 5, 492-506

1535   Emerging importance of chemokine receptor CXCR3 and its ligands in cardiovascular diseases. **2016**, 130, 463-78   42

1534	Effect of CYP2C19*2 and *3 on clinical outcome in ischemic stroke patients treated with clopidogrel. **2016**, 369, 216-219	14
1533	Relationship of non-cardiac biomarkers with periprocedural myocardial injury in patients undergoing percutaneous coronary intervention. **2016**, 221, 726-33	4
1532	Diagnosis of myocardial infarction and ischemia in the setting of bundle branch block and cardiac pacing. **2016**, 27, 307-22	7
1531	Incidence, timing, predictors and impact of acute heart failure complicating ST-segment elevation myocardial infarction in patients treated by primary percutaneous coronary intervention. **2016**, 221, 433-42	15
1530	Silk-Encapsulated Plasmonic Biochips with Enhanced Thermal Stability. **2016**, 8, 26493-26500	15
1529	Impact of adipose tissue composition on cardiovascular risk assessment in patients with stable coronary artery disease. **2016**, 251, 206-212	6
1528	Efficacy of high intensity atorvastatin versus moderate intensity atorvastatin for acute coronary syndrome patients with diabetes mellitus. **2016**, 222, 22-26	11
1527	The Expanding Universe of Perioperative Myocardial Infarction. *Journal of the American College of Cardiology*, **2016**, 68, 339-42	15.1 1
1526	Efficacy and safety of ticagrelor versus clopidogrel in acute coronary syndrome in Taiwan: A multicenter retrospective pilot study. **2016**, 79, 521-30	27
1525	Evaluation of T-Wave Morphology in Patients With Left Bundle Branch Block and Suspected Acute Coronary Syndrome. **2016**, 51, 229-37	4
1524	Label-Free Optical Detection of Acute Myocardial Infarction Based on Blood Plasma Surface-Enhanced Raman Spectroscopy. **2016**, 83, 798-804	6
1523	Cardiac Biomarkers. **2016**,	1
1522	Sonomicrometry-Based Analysis of Post-Myocardial Infarction Regional Mechanics. **2016**, 44, 3539-3552	2
1521	Cardiac troponin T degradation in serum is catalysed by human thrombin. **2016**, 481, 165-168	15
1520	Periprocedural Myocardial Infarction: The "SCAI" Is the Limit. **2016**, 9, 2229-2231	9
1519	Ultrasensitive and low-volume point-of-care diagnostics on flexible strips - a study with cardiac troponin biomarkers. **2016**, 6, 33423	41
1518	Troponin Basics for Clinicians. **2016**, 17-29	
1517	Everolimus-Eluting Stents or Bypass Surgery for Left Main Coronary Artery Disease. **2016**, 375, 2223-2235	603

| 1516 | Troponin elevations after non-cardiac, non-vascular surgery are predictive of major adverse cardiac events and mortality: a systematic review and meta-analysis. **2016**, 117, 559-568 | 144 |

| 1515 | Depletion of complement system immunity in patients with myocardial infarction. **2016**, 14, 5350-5356 | 10 |

| 1514 | Evaluation of computed tomography in patients with atypical angina or chest pain clinically referred for invasive coronary angiography: randomised controlled trial. **2016**, 355, i5441 | 53 |

| 1513 | Incremental Prognostic Value of Quantified Vulnerable Plaque by Cardiac Computed Tomography: A Pilot Study. **2016**, 31, 373-379 | 12 |

| 1512 | ST-Segment Elevation Myocardial Infarction in Dialysis and Renal Transplant Patients. How Does It Compare to That in the General Population?. **2016**, 44, 327-328 | 0 |

| 1511 | Aspirate from human stented saphenous vein grafts induces epicardial coronary vasoconstriction and impairs perfusion and left ventricular function in rat bioassay hearts with pharmacologically induced endothelial dysfunction. **2016**, 4, e12874 | 9 |

| 1510 | Use of diagnostic coronary angiography in women and men presenting with acute myocardial infarction: a matched cohort study. **2016**, 16, 120 | 3 |

| 1509 | The prognostic value of measurement of high-sensitive cardiac troponin T for mortality in a cohort of stable chronic obstructive pulmonary disease patients. **2016**, 16, 164 | 18 |

| 1508 | Prognostic value of basal high-sensitive cardiac troponin levels on mortality in the general population: A meta-analysis. **2016**, 95, e5703 | 43 |

| 1507 | Left Atrial Volume Assessed by Coronary Computed Tomography in Mid Ventricular Diastasis Predicts Adverse Events. **2016**, 31, 318-21 | 3 |

| 1506 | Geographical miss is associated with vulnerable plaque and increased major adverse cardiovascular events in patients with myocardial infarction. **2016**, 88, 340-7 | 18 |

| 1505 | QRS distortion in pre-reperfusion electrocardiogram is a bedside predictor of large myocardium at risk and infarct size (a METOCARD-CNIC trial substudy). **2016**, 202, 666-73 | 15 |

| 1504 | Regional infarction identification from cardiac CT images: a computer-aided biomechanical approach. **2016**, 11, 1573-83 | 16 |

| 1503 | Utility of Cardiac Troponin to Predict Drug Overdose Mortality. **2016**, 16, 355-60 | 9 |

| 1502 | Invasive FFR and Noninvasive CFR in the Evaluation of Ischemia: What Is the Future?. *Journal of the American College of Cardiology*, **2016**, 67, 2772-2788 | 15.1 | 55 |

| 1501 | Efficacy of High-Intensity Atorvastatin for Asian Patients Undergoing Percutaneous Coronary Intervention. **2016**, 50, 725-33 | 14 |

| 1500 | A Novel and Practical Screening Tool for the Detection of Silent Myocardial Infarction in Patients With Type 2 Diabetes. **2016**, 101, 3316-23 | 11 |

| 1499 | Safety and effectiveness of the new P2Y12r inhibitor agents vs clopidogrel in ACS patients according to the geographic area: East Asia vs Europe. **2016**, 220, 488-95 | 7 |

| 1498 | Incidence of Undetectable, Measurable, and Increased Cardiac Troponin I Concentrations Above the 99th Percentile Using a High-Sensitivity vs a Contemporary Assay in Patients Presenting to the Emergency Department. **2016**, 62, 1115-9 | 26 |

| 1497 | Discordance with 3 Cardiac Troponin I and T Assays: Implications for the 99th Percentile Cutoff. **2016**, 62, 1106-14 | 37 |

| 1496 | Intracoronary Brachytherapy for Recurrent Drug-Eluting Stent Failure. **2016**, 9, 1259-1265 | 36 |

| 1495 | 1-Year Results of the REMEDEE Registry: Clinical Outcomes After Deployment of the Abluminal Sirolimus-Coated Bioengineered (Combo) Stent in a Multicenter, Prospective All-Comers Registry. **2016**, 9, 1127-34 | 33 |

| 1494 | Präklinische Routine? Ein besonderer Fall von akutem Koronarsyndrom. **2016**, 19, 279-282 | |

| 1493 | Design and Rationale for the Endothelin-1 Receptor Antagonism in the Prevention of Microvascular Injury in Patients with non-ST Elevation Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention (ENDORA-PCI) Trial. **2016**, 30, 169-75 | 5 |

| 1492 | Impact of an integrated treatment algorithm based on platelet function testing and clinical risk assessment: results of the TRIAGE Patients Undergoing Percutaneous Coronary Interventions To Improve Clinical Outcomes Through Optimal Platelet Inhibition study. **2016**, 42, 186-96 | 2 |

| 1491 | Raccomandazioni del Gruppo di Studio sui marcatori miocardici (GdS MM) di SIPMeL per l'implementazione di Point-of-care testing (POCT) per la determinazione della troponina (cTn). **2016**, 12, 36-48 | 4 |

| 1490 | The Providence Pedi cast-sling: technique and application. **2016**, 34, 651-3 | 3 |

| 1489 | Add-on tests for improving risk-stratification in emergency department patients with chest pain who are at low to moderate risk of 30-day major adverse cardiac events. **2016**, 220, 299-306 | 5 |

| 1488 | Acute chest pain in the high-sensitivity cardiac troponin era: A changing role for noninvasive imaging?. **2016**, 177, 102-11 | 16 |

| 1487 | Coronary plaque morphology on multi-modality imagining and periprocedural myocardial infarction after percutaneous coronary intervention. **2016**, 11, 43-48 | 0 |

| 1486 | Use of high sensitivity cardiac troponin assays as an adjunct to cardiac stress testing. **2016**, 49, 419-420 | 7 |

| 1485 | Analysis of Extracellular Vesicles Using Magnetic Nanoparticles in Blood of Patients with Acute Coronary Syndrome. **2016**, 81, 382-391 | 5 |

| 1484 | Progression in sensing cardiac troponin biomarker charge transductions on semiconducting nanomaterials. **2016**, 935, 30-43 | 24 |

| 1483 | Does plasma copeptin level at admission predict final infarct size in ST-elevation myocardial infarction. **2016**, 219, 326-30 | 9 |

| 1482 | Circulating levels of plasminogen and oxidized phospholipids bound to plasminogen distinguish between atherothrombotic and non-atherothrombotic myocardial infarction. **2016**, 42, 61-76 | 19 |

| 1481 | Risk factors and outcomes in patients with ectatic infarct-related artery who underwent primary percutaneous coronary intervention after ST elevated myocardial infarction. **2016**, 88, 748-753 | 18 |

1480	Attainment of low-density lipoprotein cholesterol goal after endovascular treatment is associated with reduced cardiovascular events in patients with peripheral arterial disease. **2016**, 63, 756-63	9
1479	Amelioration of acute myocardial infarction by saponins from flower buds of Panax notoginseng via pro-angiogenesis and anti-apoptosis. **2016**, 181, 50-8	49
1478	Direct comparison of clinical decision limits for cardiac troponin T and I. **2016**, 102, 610-6	49
1477	Immunosensors for human cardiac troponins and CRP, in particular amperometric cTnI immunosensor. **2016**, 36, 29-41	3
1476	Discordant cardiac biomarker levels independently predict outcome in ST-segment elevation myocardial infarction. **2016**, 105, 432-40	12
1475	Diagnosis of Acute Myocardial Infarction in Hemodialysis Patients With High-Sensitivity Cardiac Troponin T Assay. **2016**, 140, 75-80	5
1474	Development of a targeted selected ion monitoring assay for the elucidation of protease induced structural changes in cardiac troponin T. **2016**, 136, 123-32	23
1473	Myocardial injury associated with transcatheter aortic valve implantation (TAVI). **2016**, 105, 379-87	16
1472	Ambulance use in acute coronary syndrome in Ireland: A cross-sectional study. **2016**, 15, 345-54	10
1471	Alignment of site versus adjudication committee-based diagnosis with patient outcomes: Insights from the Providing Rapid Out of Hospital Acute Cardiovascular Treatment 3 trial. **2016**, 13, 140-8	12
1470	Electrochemical biosensors based on nanofibres for cardiac biomarker detection: A comprehensive review. **2016**, 78, 513-523	69
1469	Laboratory medicine in the new healthcare environment. **2016**, 54, 523-33	35
1468	Early and Midterm Outcome of Propensity-Matched Intermediate-Risk Patients Aged â80 Years With Aortic Stenosis Undergoing Surgical or Transcatheter Aortic Valve Replacement (from the Italian Multicenter OBSERVANT Study). **2016**, 117, 1494-501	34
1467	Natriuretic peptides, nitrite/nitrate and superoxide dismutase have additional value on top of the GRACE score in prediction of one-year mortality and rehospitalisation for heart failure in STEMI patients - Multiple biomarkers prospective cohort study. **2016**, 211, 96-104	19
1466	Animal models of myocardial infarction: Mainstay in clinical translation. **2016**, 76, 221-30	35
1465	Impact of Crossing Strategy on Intermediate-term Outcomes After Chronic Total Occlusion Percutaneous Coronary Intervention. **2016**, 32, 1239.e1-1239.e7	16
1464	Early diagnosis of myocardial infarction in clinic through CK-MB detection using magnetic separation integrated with chemiluminescence. **2016**, 8, 2718-2722	2
1463	Predictive Value of ST-Segment Elevation in Lead aVR for Left Main and/or Three-Vessel Disease in Non-ST-Segment Elevation Myocardial Infarction. **2016**, 21, 91-7	19

| 1462 | High-sensitivity cardiac troponin T in geriatric inpatients. **2016**, 65, 111-5 | 17 |

| 1461 | 1-Year Outcomes of Everolimus-Eluting Bioresorbable Scaffolds Versus Everolimus-Eluting Stents: A Propensity-Matched Comparison of the GHOST-EU and XIENCE V USA Registries. **2016**, 9, 440-9 | 17 |

| 1460 | Exosomal transfer of miR-30a between cardiomyocytes regulates autophagy after hypoxia. **2016**, 94, 711-24 | 118 |

| 1459 | Chronic Total Occlusion - Percutaneous Coronary Intervention (CTO-PCI) Experience in a Single, Multi-operator Australian Centre: Need for dedicated CTO-PCI programs. **2016**, 25, 676-82 | 2 |

| 1458 | Progressive Coronary Dilatation Predicts Worse Outcome in Kawasaki Disease. **2016**, 171, 78-82.e1 | 13 |

| 1457 | Improving quality and outcomes of coronary artery bypass grafting procedures. **2016**, 14, 617-31 | 2 |

| 1456 | Coronary artery vasospasm and cardiogenic shock as the initial presentation for eosinophilic granulomatosis with polyangiitis. **2016**, 13, 105-108 | 4 |

| 1455 | In-hospital and long-term outcomes after percutaneous coronary intervention for chronic total occlusion in elderly patients: A consecutive, prospective, single-centre study. **2016**, 109, 13-21 | 17 |

| 1454 | Highly sensitive troponin and coronary computed tomography angiography in the evaluation of suspected acute coronary syndrome in the emergency department. **2016**, 37, 2397-405 | 12 |

| 1453 | In-hospital free fatty acids levels predict the severity of myocardial ischemia of acute coronary syndrome. **2016**, 16, 29 | 11 |

| 1452 | Shock Index as a predictor for In-hospital mortality in patients with non-ST-segment elevation myocardial infarction. **2016**, 17, 225-8 | 14 |

| 1451 | Cardiac troponin T determination by a highly sensitive assay in postmortem serum and pericardial fluid. **2016**, 12, 181-8 | 22 |

| 1450 | Impact on Long-Term Mortality of Presence of Obstructive Coronary Artery Disease and Classification of Myocardial Infarction. **2016**, 129, 398-406 | 48 |

| 1449 | Present and Future of Cardiac Troponin in Clinical Practice: A Paradigm Shift to High-Sensitivity Assays. **2016**, 129, 354-65 | 60 |

| 1448 | High-degree atrioventricular block complicating ST segment elevation myocardial infarction in the contemporary era. **2016**, 102, 40-9 | 40 |

| 1447 | Risk of revisits to the emergency department in admitted versus discharged patients with chest pain but without myocardial infarction in relation to high-sensitivity cardiac troponin T levels. **2016**, 203, 341-6 | 7 |

| 1446 | Relationship of Endothelial Cell-Specific Molecule 1 Level in Stress Hyperglycemia Patients With Acute ST-Segment Elevation Myocardial Infarction: A Pilot Study. **2016**, 67, 829-34 | 11 |

| 1445 | Risk stratification in non-ST elevation acute coronary syndromes: searching for the right formula. **2016**, 37, 3111-3113 | 0 |

| 1444 | Electrocardiographic predictors of coronary microvascular dysfunction in patients with non-obstructive coronary artery disease: Utility of a novel T wave analysis program. **2016**, 203, 601-6 | | 5 |

| 1443 | Coronary CT Angiography for Suspected ACS in the Era of High-Sensitivity Troponins: Randomized Multicenter Study. *Journal of the American College of Cardiology*, **2016**, 67, 16-26 | 15.1 | 97 |

| 1442 | Clinical benefit of high-sensitivity cardiac troponin I in the detection of exercise-induced myocardial ischemia. **2016**, 173, 8-17 | | 37 |

| 1441 | The predictive value of high sensitivity-troponin velocity within the first 6h of presentation for cardiac outcomes regardless of acute coronary syndrome diagnosis. **2016**, 204, 106-11 | | 6 |

| 1440 | Rivaroxaban for Preventing Atherothrombotic Events in People with Acute Coronary Syndrome and Elevated Cardiac Biomarkers: An Evidence Review Group Perspective of a NICE Single Technology Appraisal. **2016**, 34, 463-77 | | 2 |

| 1439 | Transatlantic Comparison of ST-Segment Elevation Myocardial Infarction Guidelines: Insights From the United States and Europe. *Journal of the American College of Cardiology*, **2016**, 67, 216-229 | 15.1 | 19 |

| 1438 | The prognostic significance of troponin I elevation in acute ischemic stroke. **2016**, 31, 41-7 | | 16 |

| 1437 | Characteristics of patients with false- ST-segment elevation myocardial infarction diagnoses. **2016**, 5, 339-46 | | 3 |

| 1436 | Matrix metalloproteinases and psychosocial factors in acute coronary syndrome patients. **2016**, 63, 102-8 | | 5 |

| 1435 | Clinical predictors and outcomes of patients with left ventricular thrombus following ST-segment elevation myocardial infarction. **2016**, 41, 365-73 | | 15 |

| 1434 | Update on oral antithrombotic therapy for secondary prevention following non-ST segment elevation myocardial infarction. **2016**, 26, 321-34 | | 3 |

| 1433 | Editor's Choice-Is the pre-hospital ECG after out-of-hospital cardiac arrest accurate for the diagnosis of ST-elevation myocardial infarction?. **2016**, 5, 317-26 | | 18 |

| 1432 | Nano- and Microscale Delivery Systems for Cardiovascular Therapy. **2016**, 269-289 | | |

| 1431 | Prognostic value of normal stress-only myocardial perfusion imaging: a comparison between conventional and CZT-based SPECT. **2016**, 43, 296-301 | | 18 |

| 1430 | Troponin levels within the normal range and probability of inducible myocardial ischemia and coronary events in patients with acute chest pain. **2016**, 28, 59-64 | | 6 |

| 1429 | Different characteristics of cardiac biomarkers to decide and predict the culprit lesions in patients with suspicious acute coronary syndrome. **2016**, 31, 907-17 | | 1 |

| 1428 | Comparison between drug-coated balloon angioplasty and second-generation drug-eluting stent placement for the treatment of in-stent restenosis after drug-eluting stent implantation. **2016**, 31, 1405-11 | | 8 |

| 1427 | Unstable coronary plaque characteristics are associated with high-sensitivity cardiac troponin T and N-terminal Pro-Brain Natriuretic Peptide. **2016**, 10, 82-8 | | 7 |

| 1426 | Microscale Technologies for Cell Engineering. **2016**, | 3 |

| 1425 | Differential response of LV sublayer twist during dobutamine stress echocardiography as a novel marker of contractile reserve after acute myocardial infarction: relationship with follow-up LVEF improvement. **2016**, 17, 652-9 | 1 |

| 1424 | Platelet to Lymphocyte Ratio as a Prognostic Marker of In-Hospital and Long-Term Major Adverse Cardiovascular Events in ST-Segment Elevation Myocardial Infarction. **2016**, 67, 336-45 | 56 |

| 1423 | Association between PDW and Long Term Major Adverse Cardiac Events in Patients with Acute Coronary Syndrome. **2016**, 25, 29-34 | 13 |

| 1422 | Platelet activation after endovascular repair of abdominal aortic aneurysm. **2016**, 24, 287-94 | 8 |

| 1421 | Relationship between QRS score and microvascular obstruction after acute anterior myocardial infarction. **2016**, 67, 321-6 | 11 |

| 1420 | Traditional clinical risk factors predict clopidogrel hypo-responsiveness in unselected patients undergoing non-emergent percutaneous coronary intervention. **2016**, 27, 51-8 | 2 |

| 1419 | Clinical characteristics and intravascular ultrasound findings of culprit lesions in elderly patients with acute coronary syndrome. **2016**, 31, 341-50 | 4 |

| 1418 | A Synergistic Role of Myeloperoxidase and High Sensitivity Troponin T in the Early Diagnosis of Acute Coronary Syndrome. **2016**, 31, 75-80 | 0 |

| 1417 | Electrocardiographic Left Ventricular Hypertrophy as a Predictor for Nonsignificant Coronary Artery Disease in Patients With Non-ST-Segment Elevation Myocardial Infarction. **2016**, 67, 27-33 | 5 |

| 1416 | [Troponin elevation in ischemic stroke patients]. **2017**, 112, 222-226 | 1 |

| 1415 | Analysis of Serum Endothelial Cell-Specific Molecule 1 (Endocan) Level in Type 2 Diabetes Mellitus With Acute ST-Segment Elevation Myocardial Infarction and its Correlation: A Pilot Study. **2017**, 68, 74-78 | 14 |

| 1414 | Electrocardiographic findings during balloon angioplasty of the left circumflex coronary artery - influence of location of the ischemic segments with respect to the obtuse margin of the left ventricle. **2017**, 50, 102-110 | 1 |

| 1413 | Recognition of Atypical Symptoms of Acute Myocardial Infarction: Development and Validation of a Risk Scoring System. **2017**, 32, 99-106 | 9 |

| 1412 | Sequential SPECT/CT imaging for detection of coronary artery disease in a large cohort: evaluation of the need for additional imaging and radiation exposure. **2017**, 24, 212-223 | 6 |

| 1411 | Value of attenuation correction in stress-only myocardial perfusion imaging using CZT-SPECT. **2017**, 24, 395-401 | 25 |

| 1410 | The HEART score with high-sensitive troponin T at presentation: ruling out patients with chest pain in the emergency room. **2017**, 12, 357-364 | 25 |

| 1409 | Serum Endothelial Cell-Specific Molecule 1 (Endocan) Levels in Patients With Acute Myocardial Infarction and Its Clinical Significance. **2017**, 68, 354-359 | 21 |

50

1408	Cardiac troponins and mortality in type 1 and 2 myocardial infarction. **2017**, 55, 181-188	7
1407	Impact of Platelet-to-Lymphocyte Ratio on Clinical Outcomes in Patients With ST-Segment Elevation Myocardial Infarction. **2017**, 68, 346-353	15
1406	Using biomarkers to predict and to prevent cardiotoxicity of cancer therapy. **2017**, 17, 245-256	44
1405	Intravascular Ultrasound Predictors of Major Adverse Cardiovascular Events After Implantation of Everolimus-eluting Stents for Long Coronary Lesions. **2017**, 70, 88-95	2
1404	Predictores de eventos cardiovasculares adversos mayores en la ecocardiografía intravascular tras el implante de stents liberadores de everolimus en lesiones coronarias largas. **2017**, 70, 88-95	11
1403	Comparison of Outcomes of Women Versus Men With Non-ST-elevation Acute Coronary Syndromes Undergoing Percutaneous Coronary Intervention (from the Japanese Nationwide Registry). **2017**, 119, 826-831	27
1402	The association of maximum Troponin values post out-of-hospital cardiac arrest with electrocardiographic findings, cardiac reperfusion procedures and survival to discharge: A sub-study of ROC PRIMED. **2017**, 111, 82-89	1
1401	Long-term follow-up after near-infrared spectroscopy coronary imaging: Insights from the lipid cORe plaque association with CLinical events (ORACLE-NIRS) registry. **2017**, 18, 177-181	25
1400	Lipid-core burden response to stent implantation assessed with near-infrared spectroscopy and intravascular ultrasound evaluation in patients with myocardial infarction. **2017**, 18, 182-189	4
1399	High-Sensitivity Troponin Release Profile After Cardiac Surgery. **2017**, 26, 833-839	7
1398	Association of G-protein beta3 subunit gene C825T polymorphism with cardiac and cerebrovascular events in Chinese hypertensive patients. **2017**, 39, 80-84	2
1397	Balancing the risk of spontaneous ischemic and major bleeding events in acute coronary syndromes. **2017**, 186, 91-99	24
1396	Assessment and validation of a novel angiographic scoring system for peripheral artery disease. **2017**, 104, 544-554	15
1395	ST-segment Elevation Myocardial Infarction Resulting from Stent Thrombosis in Contemporary Real-World Practice. **2017**, 26, 32-35	5
1394	Discordance between ICD-Coded Myocardial Infarction and Diagnosis according to the Universal Definition of Myocardial Infarction. **2017**, 63, 415-419	29
1393	Association Between Subtotal Gastrectomy with Billroth II Anastomosis and Coronary Heart Disease. **2017**, 27, 1604-1611	4
1392	Impact of nutritional assessment and body mass index on cardiovascular outcomes in patients with stable coronary artery disease. **2017**, 230, 653-658	29
1391	GRACE Score Validation in Predicting Hospital Mortality: Analysis of the Role of Sex. **2017**, 26, 420-425	8

1390	Relation of Stroke and Major Bleeding to Creatinine Clearance in Patients With Atrial Fibrillation (from the Fushimi AF Registry). **2017**, 119, 1229-1237	27
1389	Identification and Characterization of Cardiac Troponin T Fragments in Serum of Patients Suffering from Acute Myocardial Infarction. **2017**, 63, 563-572	23
1388	Suspected ACS Patients Presenting With Myocardial Damage or a Type 2 Myocardial Infarction Have a Similar Late Mortality to Patients With a Type 1 Myocardial Infarction: A Report From the Australian and New Zealand 2012 SNAPSHOT ACS Study. **2017**, 26, 1051-1058	1
1387	The effect of MElatonin on Depressive symptoms, Anxiety, CIrcadian and Sleep disturbances in patients after acute coronary syndrome (MEDACIS): study protocol for a randomized controlled trial. **2017**, 18, 81	12
1386	Evaluació cardiológica preoperatoria en cirugía no cardíaca. **2017**, 43, 1-11	
1385	Acute Coronary Syndrome Screening and Diagnostic Practice Variation. **2017**, 24, 701-709	4
1384	Identifying Low-risk Patients for Early Discharge From Emergency Department Without Using Subjective Descriptions of Chest Pain: Insights From Providing Rapid Out of Hospital Acute Cardiovascular Treatment (PROACT) 3 and 4 Trials. **2017**, 24, 691-700	1
1383	The 2017 International Joint Working Group (JWG) recommendations of the Indian College of Cardiology, the Academic College of Emergency Experts & INDUSEM on the management of low-risk chest pain in emergency departments across India. **2017**, 7, 6-12	
1382	Remnant cholesterol predicts periprocedural myocardial injury following percutaneous coronary intervention in poorly-controlled type 2 diabetes. **2017**, 70, 113-120	5
1381	Myocardial Infarction in Neonates: A Review of an Entity with Significant Morbidity and Mortality. **2017**, 38, 427-441	17
1380	Impact of multi-vessel versus single-vessel disease on outcomes after percutaneous coronary interventions for chronic total occlusions. **2017**, 106, 428-435	11
1379	Systematic review of β-blocker, aspirin, and statin in critically ill patients: importance of severity of illness and cardiac troponin. **2017**, 65, 747-753	10
1378	Validation of the Prognostic Utility of the Electrocardiogram for Acute Drug Overdose. **2017**, 6,	16
1377	The Role of Post-Resuscitation Electrocardiogram in Patients With ST-Segment Changes in the Immediate Post-Cardiac Arrest Period. **2017**, 10, 451-459	28
1376	Troponin-only Manchester Acute Coronary Syndromes (T-MACS) decision aid: single biomarker re-derivation and external validation in three cohorts. **2017**, 34, 349-356	59
1375	Risk stratification of periprocedural myocardial infarction after percutaneous coronary intervention: Analysis based on the SCAI definition. **2017**, 89, 534-540	7
1374	Plasma prefractionation methods for proteomic analysis and perspectives in clinical applications. **2017**, 11, 1600135	7
1373	Cardiac Troponins in Chronic Kidney Disease: A Marker of Global Cardiovascular Risk. **2017**, 45, 301-303	3

1372	Association between baseline vitamin D metabolite levels and long-term cardiovascular events in patients with rheumatoid arthritis from the CIMESTRA trial: protocol for a cohort study with patient-record evaluated outcomes. **2017**, 7, e014816		2
1371	Medical management of acute coronary syndromes. **2017**, 29, 224-235		1
1370	Brief Myocardial Ischemia Produces Cardiac Troponin I Release and Focal Myocyte Apoptosis in the Absence of Pathological Infarction in Swine. **2017**, 2, 105-114		52
1369	Remote Ischemic Conditioning in Elective PCI?. **2017**, 22, 310-315		7
1368	Troponin Testing in Patients Without Chest Pain or Electrocardiographic Ischemic Changes. **2017**, 130, 1205-1210		11
1367	Ticagrelor versus clopidogrel in real-world patients with ST elevation myocardial infarction: 1-year results by propensity score analysis. **2017**, 17, 97		18
1366	Cardiac Troponins: Molecules of Many Surprises. **2017**, 63, 1059-1060		6
1365	Current Role of Blood and Urine Biomarkers in the Clinical Care of Adults with Congenital Heart Disease. **2017**, 19, 50		9
1364	Trends in admissions for chest pain after the introduction of high-sensitivity cardiac troponin T. **2017**, 240, 1-7		12
1363	Incident Myocardial Infarction and Very Late Stent Thrombosis in Outpatients With Stable Coronary Artery Disease. *Journal of the American College of Cardiology*, **2017**, 69, 2149-2156	15.1	27
1362	In vivo assessment of regional mechanics post-myocardial infarction: A focus on the road ahead. **2017**, 123, 728-745		9
1361	Non-ST Elevation Acute Coronary Syndromes: A Comprehensive Review. **2017**, 42, 266-305		9
1360	The Single High-Sensitivity Serum Cardiac Troponin T Level: A Significant Advance for Chest Pain Pathways?. **2017**, 166, 751		
1359	A new 4-variable formula to differentiate normal variant ST segment elevation in V2-V4 (early repolarization) from subtle left anterior descending coronary occlusion - Adding QRS amplitude of V2 improves the model. **2017**, 50, 561-569		21
1358	Automated detection of heart ailments from 12-lead ECG using complex wavelet sub-band bi-spectrum features. **2017**, 4, 57-63		18
1357	STEMI could be the primary presentation of acute aortic dissection. **2017**, 35, 1713-1717		9
1356	The 99th percentile of reference population for cTnI and cTnT assay: methodology, pathophysiology and clinical implications. **2017**, 55, 1634-1651		50
1355	Prognostic Value of Myocardial Perfusion Imaging with a Cadmium-Zinc-Telluride SPECT Camera in Patients Suspected of Having Coronary Artery Disease. **2017**, 58, 1459-1463		13

1354	Asia-Pacific consensus statement on the optimal use of high-sensitivity troponin assays in acute coronary syndromes diagnosis: focus on hs-TnI. **2017**, 9, 81-87		12
1353	Sex differences in cardiovascular disease - Impact on care and outcomes. **2017**, 46, 46-70		128
1352	Saliva and plasma levels of cardiac-related biomarkers in post-myocardial infarction patients. **2017**, 44, 692-699		6
1351	Causes of Prehospital Misinterpretations of ST Elevation Myocardial Infarction. **2017**, 21, 283-290		20
1350	Ticagrelor and Eptifibatide Bolus Versus Ticagrelor and Eptifibatide Bolus With 2-Hour Infusion in High-Risk Acute Coronary Syndromes Patients Undergoing Early Percutaneous Coronary Intervention. **2017**, 6,		7
1349	Diagnostic capability of feature-tracking cardiovascular magnetic resonance to detect infarcted segments: a comparison with tagged magnetic resonance and wall thickening analysis. **2017**, 72, 828-834		10
1348	An association between volumes of the cardiac chambers and troponin levels in individuals submitted to cardiac coronary computed tomography. **2017**, 40, 879-885		2
1347	Global, Regional, and National Burden of Cardiovascular Diseases for 10 Causes, 1990 to 2015. *Journal of the American College of Cardiology*, **2017**, 70, 1-25	15.1	1804
1346	Early Versus Delayed Invasive Strategies in High-Risk Non-ST Elevation Acute Coronary Syndrome Patients - A Systematic Literature Review and Meta-Analysis of Randomised Controlled Trials. **2017**, 26, 1142-1159		3
1345	Long-Term Prognosis of Patients With Intramural Course of Coronary Arteries Assessed With CT Angiography. **2017**, 10, 1451-1458		14
1344	Rational clinical evaluation of suspected acute coronary syndromes: The value of more information. **2017**, 29, 664-671		1
1343	Heart failure in patients admitted for acute coronary syndromes: A report from a large national registry. **2017**, 40, 907-913		8
1342	QRS duration and dispersion for predicting ventricular arrhythmias in early stage of acute myocardial infraction. **2017**, 41, 347-355		2
1341	Acute Myocardial Infarction. **2017**, 376, 2053-2064		438
1340	F-sodium fluoride positron emission tomography for molecular imaging of coronary atherosclerosis based on computed tomography analysis. **2017**, 263, 385-392		42
1339	High-sensitivity cardiac troponin I assays in the diagnosis of acute myocardial infarction. **2017**, 9, 88-89		1
1338	Relationship between Intraoperative Hypotension, Defined by Either Reduction from Baseline or Absolute Thresholds, and Acute Kidney and Myocardial Injury after Noncardiac Surgery: A Retrospective Cohort Analysis. **2017**, 126, 47-65		385
1337	Increased Risk of Myocardial Infarction in HIV-Infected Individuals in North America Compared With the General Population. **2017**, 75, 568-576		77

1318	Medical Decision Making. **2017**,	10
1317	Systems characterization of differential plasma metabolome perturbations following thrombotic and non-thrombotic myocardial infarction. **2017**, 160, 38-46	11
1316	The Positive Emotions after Acute Coronary Events behavioral health intervention: Design, rationale, and preliminary feasibility of a factorial design study. **2017**, 14, 128-139	24
1315	The stress hyperglycemia ratio, an index of relative hyperglycemia, as a predictor of clinical outcomes after percutaneous coronary intervention. **2017**, 241, 57-63	36
1314	Everolimus-Eluting Stents or Bypass Surgery for Left Main Coronary Disease. **2017**, 376, 1089	8
1313	Comparison of Safety and Efficacy of Unfractionated Heparin Versus Bivalirudin in Patients Undergoing Percutaneous Coronary Intervention. **2017**, 26, 1277-1281	1
1312	Ratio of systolic blood pressure to left ventricular end-diastolic pressure at the time of primary percutaneous coronary intervention predicts in-hospital mortality in patients with ST-elevation myocardial infarction. **2017**, 90, 389-395	11
1311	Prognostic Biomarkers in Acute Coronary Syndromes: Risk Stratification Beyond Cardiac Troponins. **2017**, 19, 29	11
1310	Deciphering acute coronary syndrome biomarkers: High-resolution proteomics in platelets, thrombi and microparticles. **2017**, 54, 49-58	12
1309	Perioperative Major Adverse Cardiovascular and Cerebrovascular Events Associated With Noncardiac Surgery. **2017**, 2, 181-187	151
1308	Healthy-eating attitudes and the incidence of cardiovascular disease: the SUN cohort. **2017**, 68, 595-604	6
1307	Association of Repeatedly Measured High-Sensitivity-Assayed Troponin I with Cardiovascular Disease Events in a General Population from the MORGAM/BiomarCaRE Study. **2017**, 63, 334-342	24
1306	Cardiovascular Disease: Impact of Biomarkers, Proteomics, and Genomics. **2017**, 63, 1-4	7
1305	Computer aided diagnosis of Coronary Artery Disease, Myocardial Infarction and carotid atherosclerosis using ultrasound images: A review. **2017**, 33, 1-15	33
1304	Comparison of the Efficacy and Safety of Early Rule-Out Pathways for Acute Myocardial Infarction. **2017**, 135, 1586-1596	96
1303	Interpreting Cardiac Biomarkers in the Setting of Chronic Kidney Disease. **2017**, 63, 59-65	45
1302	Where Are the Stroke Markers?. **2017**, 63, 252-254	5
1301	Cardiac Troponin Assays: Guide to Understanding Analytical Characteristics and Their Impact on Clinical Care. **2017**, 63, 73-81	202

1300	Use of Biomarkers in Predicting the Onset, Monitoring the Progression, and Risk Stratification for Patients with Type 2 Diabetes Mellitus. **2017**, 63, 186-195		24
1299	Application of Cardiac Troponin in Cardiovascular Diseases Other Than Acute Coronary Syndrome. **2017**, 63, 223-235		54
1298	Rapid Rule-Out of Acute Myocardial Injury Using a Single High-Sensitivity Cardiac Troponin I Measurement. **2017**, 63, 369-376		34
1297	High-Sensitivity Troponin I in Stable Patients with Atherosclerotic Disease in the TRA 2°P - TIMI 50 Trial. **2017**, 63, 307-315		16
1296	The Rise and Fall of Cardiac Troponin T. **2017**, 63, 437		
1295	Hot Off the Press: The Use of Very Low Concentrations of High-sensitivity Troponin T to Rule Out Acute Myocardial Infarction Using a Single Blood Test. **2017**, 24, 388-390		
1294	Prevalence and Implications of Abnormal Respiratory Patterns in Cardiac Surgery: A Prospective Cohort Study. **2017**, 31, 2010-2016		2
1293	Clinical effect of preoperative high-dose atorvastatin against no-reflow after PCI. **2017**, 13, 97-102		2
1292	Negative predictive value of dobutamine stress echocardiography for perioperative risk stratification in patients with cardiac risk factors and reduced exercise capacity undergoing non-cardiac surgery. **2017**, 47, 1376-1384		1
1291	2017 AHA/ACC Clinical Performance and Quality Measures for Adults With ST-Elevation and Non-ST-Elevation Myocardial Infarction: A Report of the American College of Cardiology/American Heart Association Task Force on Performance Measures. *Journal of the American College of Cardiology*, **2017**, 70, 2048-2090	15.1	91
1290	Prognostic value of silent myocardial infarction in patients with chronic kidney disease being evaluated for kidney transplantation. **2017**, 249, 377-382		4
1289	Direct Comparison of Cardiac Myosin-Binding Protein C With Cardiac Troponins for the Early Diagnosis of Acute Myocardial Infarction. **2017**, 136, 1495-1508		40
1288	Troponin I Levels in Asymptomatic Hemodialysis Patients. **2017**, 44, 236-243		6
1287	Data on association between QRS duration on prehospital ECG and mortality in patients with confirmed STEMI. **2017**, 15, 12-17		1
1286	Inhibition of NADPH oxidase by apocynin promotes myocardial antioxidant response and prevents isoproterenol-induced myocardial oxidative stress in rats. **2017**, 51, 772-786		20
1285	Prognostic Value of Cardiac Magnetic Resonance Tissue Characterization in Risk Stratifying Patients With Suspected Myocarditis. *Journal of the American College of Cardiology*, **2017**, 70, 1964-1976	15.1	172
1284	Early Exclusion of Major Adverse Cardiac Events in Emergency Department Chest Pain Patients: A Prospective Observational Study. **2017**, 53, 287-294		5
1283	Incidence and Outcomes of Myocardial Infarction in Patients Admitted With Acute Ischemic Stroke. **2017**, 48, 2931-2938		38

1264 Role of Admission Troponin-T and Serial Troponin-T Testing in Predicting Outcomes in Severe Sepsis and Septic Shock. **2017**, 6, — 54

1263 High-Sensitivity Cardiac Troponin I as a Gatekeeper for Coronary Computed Tomography Angiography and Stress Testing in Patients with Acute Chest Pain. **2017**, 63, 1724-1733 — 14

1262 Assessment of the 2016 National Institute for Health and Care Excellence high-sensitivity troponin rule-out strategy. **2018**, 104, 665-672 — 11

1261 Circadian rhythm of blood cardiac troponin T concentration. **2017**, 106, 1026-1032 — 33

1260 A glass fibre membrane platform for ultra-sensitive detection of cardiac troponin T. **2017**, 142, 3816-3821 — 9

1259 Intraluminal Intensity of Blood Speckle on Intravascular Ultrasound, a Novel Predictor of Periprocedural Myocardial Injury After Coronary Stenting. **2017**, 120, 1084-1089 — 3

1258 Novedades en el electrocardiograma de los síndromes coronarios agudos. De los patrones conocidos a las manifestaciones inusuales. **2017**, 52, 104-109 — 0

1257 Type 1 and 2 Myocardial Infarction and Myocardial Injury: Clinical Transition to High-Sensitivity Cardiac Troponin I. **2017**, 130, 1431-1439.e4 — 62

1256 Differential Associations of Inflammatory Markers With Insulin Sensitivity and Secretion: The Prospective METSIM Study. **2017**, 102, 3600-3609 — 32

1255 Sensitive Troponin I and Stress Testing in the Emergency Department for the Early Management of Chest Pain Using 2-Hour Protocol. **2017**, 16, 89-92 — 6

1254 The (Dis) Utility of a Change in Troponin I for Diagnosis of Non-ST-Segment Elevation Myocardial Infarction in an Observation Unit. **2017**, 16, 105-108 — 1

1253 Acute anterior myocardial infarction seen on conventional iodine-contrast CT. **2017**, 12, 635-637 — 1

1252 N-Terminal Pro B-Type Natriuretic Peptide and High-Sensitivity Cardiac Troponin T Levels Are Related to the Extent of Hibernating Myocardium in Patients With Ischemic Heart Failure. **2017**, 33, 1478-1488 — 14

1251 Quality Improvement Intervention for Reduction of Redundant Testing. **2017**, 4, 2374289517707506 — 7

1250 Incidence, Treatment, and Outcomes of Coronary Perforation During Chronic Total Occlusion Percutaneous Coronary Intervention. **2017**, 120, 1285-1292 — 46

1249 Glycated hemoglobin level is an independent predictor of major adverse cardiac events after nonfatal acute myocardial infarction in nondiabetic patients: A retrospective observational study. **2017**, 96, e6743 — 10

1248 Impact of a Type D Personality on Clinical and Psychometric Properties in a Sample of Turkish Patients With a First Myocardial Infarction. **2017**, 23, 3-10 — 5

1247 Isolated cardiac troponin rise does not modify the prognosis in elderly patients with hip fracture. **2017**, 96, e6169 — 16

1246	Differential Rates and Clinical Significance of Periprocedural Myocardial Infarction After Stenting or Bypass Surgery for Multivessel Coronary Disease According to Various Definitions. **2017**, 10, 1498-1507	42
1245	Myocardial Infarction After Percutaneous Coronary Intervention and Coronary Artery Bypass Graft Surgery: Time for a Unifying Common Definition. **2017**, 10, 1508-1510	4
1244	Randomized Comparison of Ridaforolimus- and Zotarolimus-Eluting Coronary Stents in Patients With Coronary Artery Disease: Primary Results From the BIONICS Trial (BioNIR Ridaforolimus-Eluting Coronary Stent System in Coronary Stenosis). **2017**, 136, 1304-1314	32
1243	Study of young patients with myocardial infarction: Design and rationale of the YOUNG-MI Registry. **2017**, 40, 955-961	28
1242	High-Sensitivity Troponin: Star Player but No Lone Hero. **2017**, 63, 1555-1556	1
1241	Coronary Artery Disease. **2017**, 3-11	
1240	Prediction of major cardiac events after vascular surgery. **2017**, 66, 1826-1835.e1	20
1239	CMR Native T1 Mapping Allows Differentiation of Reversible Versus Irreversible Myocardial Damage in ST-Segment-Elevation Myocardial Infarction: An OxAMI Study (Oxford Acute Myocardial Infarction). **2017**, 10,	56
1238	Prognostic Significance of Nonobstructive Left Main Coronary Artery Disease in Women Versus Men: Long-Term Outcomes From the CONFIRM (Coronary CT Angiography Evaluation For Clinical Outcomes: An International Multicenter) Registry. **2017**, 10,	19
1237	Troponine ultrasensible et anesthŝie. **2017**, 21, 263-267	
1236	Interleukin-18, matrix metalloproteinase-22 and -29 are independent risk factors of human coronary heart disease. **2017**, 18, 685-695	4
1235	Clinical and Prognostic Value of the Electrocardiogram in Patients With Acute Occlusion of the Left Circumflex Coronary Artery. **2017**, 120, 1487-1494	2
1234	Comparison of Benefit of Successful Percutaneous Coronary Intervention for Chronic Total Occlusion in Patients With Versus Without Reduced (â40%) Left Ventricular Ejection Fraction. **2017**, 120, 1780-1786	13
1233	Clinical Use of High-Sensitivity Cardiac Troponin in Patients With Suspected Myocardial Infarction. *Journal of the American College of Cardiology*, **2017**, 70, 996-1012	15.1	121
1232	Prevalence and Prognostic Association of Circulating Troponin in the Acute Respiratory Distress Syndrome. **2017**, 45, 1709-1717	22
1231	Mortality of Myocardial Infarction by Sex, Age, and Obstructive Coronary Artery Disease Status in the ACTION Registry-GWTG (Acute Coronary Treatment and Intervention Outcomes Network Registry-Get With the Guidelines). **2017**, 10, e003443	145
1230	Outcome of octogenarians with atrial fibrillation undergoing percutaneous coronary intervention: insights from the AFCAS registry. **2017**, 40, 1264-1270	2
1229	The use of preoperative aspirin in cardiac surgery: A systematic review and meta-analysis. **2017**, 32, 758-774	21

1228	Performance of highly sensitive cardiac troponin T assay to detect ischaemia at PET-CT in low-risk patients with acute coronary syndrome: a prospective observational study. **2017**, 7, e014655	5
1227	Interleukin-1 Blockade in Recently Decompensated Systolic Heart Failure: Results From REDHART (Recently Decompensated Heart Failure Anakinra Response Trial). **2017**, 10,	114
1226	Apparent Treatment-Resistant Hypertension and Chronic Kidney Disease: Another CardiovascularâRenal Syndrome?. **2017**, 25-38	1
1225	Rapid detection of cardiac troponin I using antibody-immobilized gate-pulsed AlGaN/GaN high electron mobility transistor structures. **2017**, 111, 202104	19
1224	Association between QRS duration on prehospital ECG and mortality in patients with suspected STEMI. **2017**, 249, 55-60	2
1223	Off-hours presentation does not affect in-hospital mortality of Japanese patients with acute myocardial infarction: J-MINUET substudy. **2017**, 70, 553-558	13
1222	Ferumoxytol-enhanced magnetic resonance imaging assessing inflammation after myocardial infarction. **2017**, 103, 1528-1535	32
1221	Central aortic pulse pressure, thrombogenicity and cardiovascular risk. **2017**, 44, 223-233	3
1220	Diagnostic Performance of High Sensitivity Compared with Contemporary Cardiac Troponin I for the Diagnosis of Acute Myocardial Infarction. **2017**, 63, 1594-1604	31
1219	The troponin decision-point dilemma: The 99th percentile solution "do the best you can [with cardiac troponin] until you know better. Then when you know better, do better." Maya Angelou, poet, dancer, producer, playwright, director, author. **2017**, 190, 132-134	
1218	Acute Infarct Extracellular Volume Mapping to Quantify Myocardial Area at Risk and Chronic Infarct Size on Cardiovascular Magnetic Resonance Imaging. **2017**, 10,	28
1217	Incidence and hospital mortality of vascular surgery patients with perioperative myocardial infarction (PMI) or myocardial injury after non-cardiac surgery (MINS). **2017**, 23, 64-68	2
1216	Ischﬔie fonctionnelle et anﬔie rﬔlant une stﬔose coronaire. **2017**, 7, 120-123	
1215	Dynamic high-sensitivity troponin elevations in atrial fibrillation patients might not be associated with significant coronary artery disease. **2017**, 17, 169	11
1214	Multicenter Automatic Defibrillator Implantation Trial-Subcutaneous Implantable Cardioverter Defibrillator (MADIT S-ICD): Design and clinical protocol. **2017**, 189, 158-166	27
1213	Time to move from prognostication to diagnosis and treatment of heart disease in acute exacerbation of COPD. **2017**, 49,	1
1212	Perioperative acute myocardial infarction associated with non-cardiac surgery. **2017**, 38, 2409-2417	56
1211	Testing a Model to Reveal the Predictive Mechanism of Care-Seeking Decisions Among Patients With Acute Myocardial Infarction. **2017**, 32, 393-400	4

1210	Procedural resources utilization and clinical outcomes with bioresorbable everolimus-eluting scaffolds and Pt-Cr everolimus-eluting stent with resorbable abluminal polymer in clinical practice. A randomized trial. **2017**, 90, E25-E30	0
1209	High-sensitivity cardiac troponin T levels in the emergency department in patients with chest pain but no myocardial infarction. **2017**, 228, 253-259	21
1208	Appropriate pathology ordering? Troponin testing within an Australian Emergency Department. **2017**, 186, 213-218	4
1207	Perioperative Myocardial Infarction in Non-Cardiac Surgery Patients: A Prospective Observational Study. **2017**, 106, 180-186	10
1206	A prospective study of patients with refractory angina: outcomes and the role of high-sensitivity troponin T. **2017**, 40, 11-17	4
1205	Ultrasensitive nanostructure sensor arrays on flexible substrates for multiplexed and simultaneous electrochemical detection of a panel of cardiac biomarkers. **2017**, 89, 764-772	61
1204	One year clinical outcomes in patients with insulin-treated diabetes mellitus and non-insulin-treated diabetes mellitus compared to non-diabetics after deployment of the bio-engineered COMBO stent. **2017**, 226, 60-64	17
1203	Myocardial Extracellular Volume Estimation by CMR Predicts Functional Recovery Following Acute MI. **2017**, 10, 989-999	36
1202	The Ratio Between Visceral and Subcutaneous Abdominal Fat Assessed by Computed Tomography Is an Independent Predictor of Mortality and Cardiac Events. **2017**, 70, 331-337	27
1201	Acute myocardial infarction. **2017**, 389, 197-210	486
1200	Very Long-Term Follow-Up After Coronary Rotational Atherectomy: A Single-Center Experience. **2017**, 68, 519-527	
1199	Del Nido cardioplegia in the setting of minimally invasive aortic valve surgery. **2017**, 32, 112-117	31
1198	End Points for Clinical Trials in Acute Kidney Injury. **2017**, 69, 108-116	7
1197	Complex coronary bifurcation revascularization by means of very minimal crushing and ultrathin biodegradable polymer DES: Feasibility and 1-year outcomes of the "Nano-crush" technique. **2017**, 18, 22-27	9
1196	Impact of Geriatric Nutritional Risk Index on cardiovascular outcomes in patients with stable coronary artery disease. **2017**, 69, 383-388	37
1195	Postoperative Cardiac Ischemia Detection by Continuous 12-Lead Electrocardiographic Monitoring in Vascular Surgery Patients: A Prospective, Observational Study. **2017**, 31, 950-956	6
1194	Cardiac troponin as a novel tool for cardiovascular risk prediction in ambulatory populations. **2017**, 27, 41-47	5
1193	Ready for Prime Time? Biomarkers in Sepsis. **2017**, 35, 109-122	20

| 1192 | Comparison of transradial and transfemoral access in patients undergoing percutaneous coronary intervention for complex coronary lesions. **2017**, 89, 640-646 | 8 |

| 1191 | Prognostic Implications of Newly Developed T-Wave Inversion After Primary Percutaneous Coronary Intervention in Patients With ST-Segment Elevation Myocardial Infarction. **2017**, 119, 515-519 | 3 |

| 1190 | Incident Type 2 Myocardial Infarction in a Cohort of Patients Undergoing Coronary or Peripheral Arterial Angiography. **2017**, 135, 116-127 | 61 |

| 1189 | Recent Results of In Situ Abdominal Aortic Reconstruction with Cryopreserved Arterial Allograft. **2017**, 53, 158-167 | 28 |

| 1188 | Frecuencia de los tipos de infarto agudo de miocardio según la tercera definición. **2017**, 24, 592-597 | 1 |

| 1187 | ANMCO/ELAS/SIBioC Consensus Document: biomarkers in heart failure. **2017**, 19, D102-D112 | 9 |

| 1186 | Prognostic value of the new high sensitive cardiac troponin T assay (hs-cTnT) after coronary artery bypass grafting. **2017**, 72, 276-283 | 6 |

| 1185 | Secondary analysis of frequency, circumstances and consequences of calculation errors of the HEART (history, ECG, age, risk factors and troponin) score at the emergency departments of nine hospitals in the Netherlands. **2017**, 7, e017259 | 8 |

| 1184 | Prognostic Value of New-Generation Troponins in ST-Segment-Elevation Myocardial Infarction in the Modern Era: The RUTI-STEMI Study. **2017**, 6, | 12 |

| 1183 | Impact of in-hospital blood pressure variability on cardiovascular outcomes in patients with acute coronary syndrome. **2017**, 19, 1252-1259 | 10 |

| 1182 | Is Normal Coronary Arteries on Coronary Angiogram Truly Benign?. **2017**, 02, 077-081 | |

| 1181 | Troponin elevation in other conditions than acute coronary syndromes. **2017**, 75, 411-419 | 7 |

| 1180 | ACUTE ATORVASTATIN RECAPTURE THERAPY IN CORONARY ARTERY BYPASS GRAFTING. **2017**, 13, 301-308 | |

| 1179 | Long-Term Outcomes of Non-ST-Elevation Myocardial Infarction Without Creatine Kinase Elevation - The J-MINUET Study. **2017**, 81, 958-965 | 26 |

| 1178 | Rationale and design of a multicentre, prospective, randomised, controlled clinical trial to evaluate the efficacy of the adipose graft transposition procedure in patients with a myocardial scar: the AGTP II trial. **2017**, 7, e017187 | 4 |

| 1177 | External Validation of Survival-Predicting Models for Acute Myocardial Infarction with Extracorporeal Cardiopulmonary Resuscitation in a Chinese Single-Center Cohort. **2017**, 23, 4847-4854 | 2 |

| 1176 | Early Repolarization Pattern Predicts the Increased Risk of Ventricular Arrhythmias in Patients With Acute Anterior ST-Segment Elevation Myocardial Infarction - A Propensity Analysis. **2017**, 81, 1346-1353 | 6 |

| 1175 | Evaluation of Classifier Performance for Multiclass Phenotype Discrimination in Untargeted Metabolomics. **2017**, 7, | 23 |

1174	Cardiotoxicity Induced by Anticancer Drugs—The Role of Biomarkers. **2017**, 107-122	
1173	The Role of MicroRNAs in Myocardial Infarction: From Molecular Mechanism to Clinical Application. **2017**, 18,	108
1172	Circulating Prolidase Activity in Patients with Myocardial Infarction. **2017**, 4, 50	4
1171	Estimated Prevalence of Heterozygous Familial Hypercholesterolemia in Patients With Acute Coronary Syndrome. **2017**, 58, 88-94	24
1170	Immune Cell Repertoire and Their Mediators in Patients with Acute Myocardial Infarction or Stable Angina Pectoris. **2017**, 14, 181-190	15
1169	The value of a new cardiac magnetic resonance imaging protocol in Myocardial Infarction with Non-obstructive Coronary Arteries (MINOCA) - a case-control study using historical controls from a previous study with similar inclusion criteria. **2017**, 17, 199	16
1168	Effect of increased left ventricle mass on ischemia assessment in electrocardiographic signals: rabbit isolated heart study. **2017**, 17, 216	4
1167	Lower diastolic wall strain is associated with coronary revascularization in patients with stable angina. **2017**, 17, 301	1
1166	Metabolic syndrome, diabetes and inadequate lifestyle in first-degree relatives of acute myocardial infarction survivors younger than 45 years old. **2017**, 16, 224	1
1165	Sources of variability in quantification of cardiovascular magnetic resonance infarct size - reproducibility among three core laboratories. **2017**, 19, 62	26
1164	Extra-cellular expansion in the normal, non-infarcted myocardium is associated with worsening of regional myocardial function after acute myocardial infarction. **2017**, 19, 73	19
1163	Myocardial inflammation, injury and infarction during on-pump coronary artery bypass graft surgery. **2017**, 12, 115	21
1162	Abnormal elevation of myocardial necrosis biomarkers after coronary artery bypass grafting without established myocardial infarction assessed by cardiac magnetic resonance. **2017**, 12, 122	2
1161	Myocardial injury in diabetic patients with multivessel coronary artery disease after revascularization interventions. **2017**, 9, 92	2
1160	Clinical risk scores predict procedural complications of primary percutaneous coronary intervention. **2017**, 17, 276-284	1
1159	Therapeutic effects of atorvastatin and ezetimibe compared with double-dose atorvastatin in very elderly patients with acute coronary syndrome. **2017**, 8, 41582-41589	7
1158	Chicken or the egg: ST elevation in lead aVR or SYNTAX score. **2017**, 28, 100-103	5
1157	Bioinformatics analysis of key genes and signaling pathways associated with myocardial infarction following telomerase activation. **2017**, 16, 2915-2924	1

1156   Correlations between High Platelet Reactivity, Extent of Coronary Artery Disease, and Periprocedural Myonecrosis in Patients with Acute Coronary Syndrome. **2017**, 53, 147-152

1155   Effects of a novel ascorbate-based protocol on infarct size and ventricle function in acute myocardial infarction patients undergoing percutaneous coronary angioplasty. **2017**, 13, 558-567   10

1154   A Comparison of Peri-Procedural Myocardial Infarction between Paclitaxel-Coated Balloon and Drug-Eluting Stent on De Novo Coronary Lesions. **2017**, 58, 99-104   5

1153   EFFECTIVENESS OF TICAGRELOR COMPARED TO CLOPIDOGREL IN REDUCING THE RISK OF MAJOR ADVERSE CARDIOVASCULAR EVENTS IN PATIENTS WITH CORONARY HEART DISEASE AFTER PERCUTANEOUS CORONARY INTERVENTION. **2017**, 9, 178   1

1152   The criteria of "inoperability". **2017**, 87, 851

1151   Association Between Prior Aspirin Use and Morphological Features of Culprit Lesions at First Presentation of Acute Coronary Syndrome Assessed by Optical Coherence Tomography. **2017**, 81, 511-519   6

1150   Efficacy of Multidetector Computed Tomography to Predict Periprocedural Myocardial Injury After Percutaneous Coronary Intervention for Chronic Total Occlusion. **2017**, 58, 16-23   10

1149   Interval and continuous aerobic exercise training similarly increase cardiac function and autonomic modulation in infarcted mice. **2017**, 13, 257-265   2

1148   Factores pronósticos de mortalidad intrahospitalaria en pacientes con infarto agudo del miocardio con elevación del segmento ST. Hospital Arnaldo Milián Castro. Villa Clara, Cuba. 2015. **2017**, 30, 67-72

1147   Type 2 versus type 1 myocardial infarction: a comparison of clinical characteristics and outcomes with a meta-analysis of observational studies. **2017**, 7, 348-358   45

1146   3rd Guideline for Perioperative Cardiovascular Evaluation of the Brazilian Society of Cardiology. **2017**, 109, 1-104   11

1145   Comparison of 13 Commercially Available Cardiac Troponin Assays in a Multicenter North American Study. **2017**, 1, 544-561   16

1144   Impact of Acute Kidney Injury on In-Hospital Outcomes of Patients With Acute Myocardial Infarction - Results From the Japanese Registry of Acute Myocardial Infarction Diagnosed by Universal Definition (J-MINUET) Substudy. **2017**, 81, 733-739   7

1143   In-Hospital ST-Segment Elevation Myocardial Infarction: Improving Diagnosis, Triage, and Treatment. **2018**, 3, 527-531   15

1142   Comparison of the AHA/ACC vs ESC guidelines for management of patients with non-ST-elevation acute coronary syndromes: Are the differences clinically different?. **2018**, 25, 777-779   1

1141   Arterial Thrombus. **2018**, 27-46

1140   Prognostic Implications of Dual Platelet Reactivity Testing in Acute Coronary Syndrome. **2018**, 118, 415-426   2

1139   2017 Cardiovascular and Stroke Endpoint Definitions for Clinical Trials. **2018**, 137, 961-972   175

| 1138 | Incidence, predictors and longer-term impact of troponin elevation following hybrid chronic total occlusion percutaneous coronary intervention. **2018**, 92, E308-E316 | 11 |

| 1137 | The Origin and Onset of Thrombus Disease. **2018**, | |

| 1136 | Incidence and predictors of target lesion failure in a multiethnic Asian population receiving the SYNERGY coronary stent: A prospective all-comers registry. **2018**, 92, 1097-1103 | 10 |

| 1135 | Neural cell adhesion molecule-1 may be a new biomarker of coronary artery disease. **2018**, 257, 238-242 | 10 |

| 1134 | Association of Nonoxidized Parathyroid Hormone with Cardiovascular and Kidney Disease Outcomes in Chronic Kidney Disease. **2018**, 13, 569-576 | 20 |

| 1133 | Effect of factor XIII levels and polymorphisms on the risk of myocardial infarction in young patients. **2018**, 448, 199-209 | 9 |

| 1132 | Reliability of the CARE rule and the HEART score to rule out an acute coronary syndrome in non-traumatic chest pain patients. **2018**, 13, 1111-1119 | 6 |

| 1131 | 2017 Cardiovascular and Stroke Endpoint Definitions for Clinical Trials. *Journal of the American College of Cardiology*, **2018**, 71, 1021-1034 | 15.1 | 122 |

| 1130 | Acute Coronary Syndromes. **2018**, 197-216 | 0 |

| 1129 | International Study of Comparative Health Effectiveness with Medical and Invasive Approaches (ISCHEMIA) trial: Rationale and design. **2018**, 201, 124-135 | 132 |

| 1128 | A Rapid (Differential) Effect of Rosuvastatin and Atorvastatin on High-Sensitivity Cardiac Troponin-I in Subjects With Stable Cardiovascular Disease. **2018**, 104, 311-316 | 4 |

| 1127 | Right atrial pressure predicts worsening renal function in patients with acute right ventricular myocardial infarction. **2018**, 264, 25-27 | 3 |

| 1126 | Mid-term clinical outcomes after bailout drug-eluting stenting for suboptimal drug-coated balloon results: Insights from a Milan registry. **2018**, 263, 17-23 | 8 |

| 1125 | Associations between cardiac troponin, mortality and subsequent use of cardiovascular services: differences in sex and ethnicity. **2018**, 5, e000713 | 6 |

| 1124 | The Hybrid Approach to Chronic Total Occlusion Percutaneous Coronary Intervention: Update From the PROGRESS CTO Registry. **2018**, 11, 1325-1335 | 92 |

| 1123 | The CardiAMP Heart Failure trial: A randomized controlled pivotal trial of high-dose autologous bone marrow mononuclear cells using the CardiAMP cell therapy system in patients with post-myocardial infarction heart failure: Trial rationale and study design. **2018**, 201, 141-148 | 15 |

| 1122 | Deiodinases, Organic Anion Transporter Polypeptide Polymorphisms, and Thyroid Hormones in Patients with Myocardial Infarction. **2018**, 22, 270-278 | 5 |

| 1121 | Diagnostic and Prognostic Efficacy of Coronary Flow Capacity Obtained Using Pressure-Temperature Sensor-Tipped Wire-Derived Physiological Indices. **2018**, 11, 728-737 | 23 |

1102	Evaluation of analytical performance of a chemiluminescence enzyme immunoassay (CLEIA) for cTnI using the automated AIA-CL2400 platform. **2018**, 56, e174-e176	8
1101	Prevalence, Presentation and Treatment of 'Balloon Undilatable' Chronic Total Occlusions: Insights from a Multicenter US Registry. **2018**, 91, 657-666	15
1100	Molecular tissue changes in early myocardial ischemia: from pathophysiology to the identification of new diagnostic markers. **2018**, 132, 425-438	22
1099	Cardiovascular Risk and Statin Eligibility of Young Adults After an MI: Partners YOUNG-MI Registry. *Journal of the American College of Cardiology*, **2018**, 71, 292-302	15.1	80
1098	1-Year Clinical Performance of COMBO Stent Versus Xience Stent in All-Comers Patients With Coronary Artery Disease. **2018**, 11, 102-103	1
1097	The Coronary Artery Disease-Reporting and Data System (CAD-RADS): Prognostic and Clinical Implications Associated With Standardized Coronary Computed Tomography Angiography Reporting. **2018**, 11, 78-89	48
1096	Relación entre un índice de estilo de vida saludable y el riesgo de enfermedad cardiovascular en la cohorte SUN. **2018**, 71, 1001-1009	31
1095	Relationship of peripheral and coronary artery disease to cardiovascular events in patients with atrial fibrillation. **2018**, 255, 69-73	17
1094	Association Between a Healthy Lifestyle Score and the Risk of Cardiovascular Disease in the SUN Cohort. **2018**, 71, 1001-1009	13
1093	Silent Myocardial Infarction: Listen to the Evidence. *Journal of the American College of Cardiology*, **2018**, 71, 9-11	15.1	5
1092	Management of Acute Chest Pain in Older Patients. **2018**, 247-259	
1091	How to best use high-sensitivity cardiac troponin in patients with suspected myocardial infarction. **2018**, 53, 143-155	10
1090	Incidence of thrombosis in perioperative and non-operative myocardial infarction. **2018**, 120, 725-733	37
1089	The effects of remote ischaemic preconditioning on coronary artery function in patients with stable coronary artery disease. **2018**, 252, 24-30	11
1088	Rule-out of non-ST elevation myocardial infarction by five point of care cardiac troponin assays according to the 0 h/3 h algorithm of the European Society of Cardiology. **2018**, 56, 649-657	8
1087	Value of Myocardial Perfusion Assessment With Coronary Computed Tomography Angiography in Patients With Recent Acute-Onset Chest Pain. **2018**, 11, 1611-1621	17
1086	High sensitivity troponins in contemporary cardiology practice: are we turning a corner?. **2018**, 16, 49-57	6
1085	The Impact of Primary Antiphospholipid Syndrome on Long-term Cardiovascular Outcomes After Percutaneous Coronary Intervention and Stenting in Patients With Myocardial Infarction. **2018**, 24, 169-173	1

1084	Incidence, predicting factors, and clinical outcomes of periprocedural myocardial infarction after percutaneous coronary intervention for chronic total occlusion in the era of new-generation drug-eluting stents. **2018**, 92, 477-485		3
1083	Value of DAPT score to predict adverse outcome in patients with atrial fibrillation undergoing percutaneous coronary intervention: A post-hoc analysis from the AFCAS registry. **2018**, 253, 35-39		7
1082	Causes of Troponin Elevation and Associated Mortality in Young Patients. **2018**, 131, 284-292.e1		20
1081	Prognostic implications of detectable cardiac troponin I below the 99th percentile in patients admitted to an emergency department without acute coronary syndrome. **2018**, 56, 1954-1961		9
1080	The Incidence and Significance of Raised Troponin Levels in Acute Burns. **2018**, 39, 729-735		3
1079	Association of Diabetic Status and Glycemic Control With Ischemic and Bleeding Outcomes in Patients With Stable Coronary Artery Disease: The 5-Year CORONOR Registry. **2018**, 7,		4
1078	Usefulness of the Finet law to guide stent size selection in ostial left main stenting: Comparison with standard angiographic estimation. **2018**, 19, 751-754		3
1077	Reply. **2018**, 67, 1641		
1076	Exploration of Bivalirudin Use during Percutaneous Coronary Intervention for High Bleeding Risk Patients with Chronic Total Occlusion. **2018**, 59, 293-299		3
1075	Secular trends and etiologies of venous thromboembolism in Chinese from 2004 to 2016. **2018**, 166, 80-85		9
1074	Cocaine and Marijuana Use Among Young Adults With Myocardial Infarction. *Journal of the American College of Cardiology*, **2018**, 71, 2540-2551	15.1	74
1073	Short-Term Global Cardiovascular Disease Risk Prediction in Older Adults. *Journal of the American College of Cardiology*, **2018**, 71, 2527-2536	15.1	29
1072	Role of Percutaneous Coronary Intervention in the Treatment of Cardiac Allograft Vasculopathy. **2018**, 121, 1051-1055		12
1071	Matrix Metalloproteinase Mediated Type I Collagen Degradation is an Independent Predictor of Increased Risk of Acute Myocardial Infarction in Postmenopausal Women. **2018**, 8, 5371		11
1070	Elevated Cardiac Troponin T in Patients With Skeletal Myopathies. *Journal of the American College of Cardiology*, **2018**, 71, 1540-1549	15.1	87
1069	Implication of Major Adverse Postoperative Events and Myocardial Injury on Disability and Survival: A Planned Subanalysis of the ENIGMA-II Trial. **2018**, 127, 1118-1126		19
1068	Higher risk of myocardial injury in chest pain patients with elevated red blood cell distribution width. **2018**, 481, 121-125		2
1067	Advances in Natural Language Processing, Intelligent Informatics and Smart Technology. **2018**,		

| 1066 | A QS pattern in leads V and V is associated with septal scarring independent of scar etiology - A cardiac magnetic resonance imaging study. **2018**, 51, 577-582 | 0 |

| 1065 | Wisdom of artificial crowds feature selection in untargeted metabolomics: An application to the development of a blood-based diagnostic test for thrombotic myocardial infarction. **2018**, 81, 53-60 | 10 |

| 1064 | Multi-centre evaluation of recent troponin assays for the diagnosis of NSTEMI. **2018**, 11, 23-32 | 3 |

| 1063 | Three-Year Impact of Immediate Invasive Strategy in Patients With Non-ST-Segment Elevation Myocardial Infarction (from the RIDDLE-NSTEMI Study). **2018**, 122, 54-60 | 7 |

| 1062 | Regulator of G-protein signalling 5 deficiency impairs ventricular remodelling after myocardial infarction by promoting NF-B and MAPK signalling in mice. **2018**, 499, 143-149 | 5 |

| 1061 | Clinical outcomes after acute myocardial infarction according to a novel stratification system linked to a rehabilitation program. **2018**, 72, 227-233 | 17 |

| 1060 | Real-world antithrombotic therapies and clinical outcomes after second-generation drug-eluting stent implantation in patients with atrial fibrillation: a multi-center cohort study. **2018**, 33, 986-996 | 1 |

| 1059 | Deciphering chest pain in women. **2018**, 43, 25-33 | 1 |

| 1058 | Predictors of adverse outcome in patients with myocardial infarction with non-obstructive coronary artery (MINOCA) disease. **2018**, 261, 18-23 | 46 |

| 1057 | Outcomes comparison of different surgical strategies for the management of severe aortic valve stenosis: study protocol of a prospective multicentre European registry (E-AVR registry). **2018**, 8, e018036 | 2 |

| 1056 | Ventricular septal rupture complicating acute myocardial infarction: Incidence, treatment, and outcomes among medicare beneficiaries 1999-2014. **2018**, 92, 1104-1115 | 18 |

| 1055 | Rates of Echocardiography, Coronary Angiography, and Coronary Intervention Associated With Troponin Testing in Hospitalized Patients. **2018**, 121, 1299-1303 | 5 |

| 1054 | Drug-coated balloons for de novo lesions in small coronary arteries: rationale and design of BASKET-SMALL 2. **2018**, 41, 569-575 | 10 |

| 1053 | Data on incidence of bleeding in patients with atrial fibrillation and advanced liver fibrosis on treatment with vitamin K or non-vitamin K antagonist oral anticoagulants. **2018**, 17, 830-836 | 5 |

| 1052 | Clarifying the Proper Definitions for Type 2 Myocardial Infarction. *Journal of the American College of Cardiology*, **2018**, 71, 1291 | 15.1 | 4 |

| 1051 | Defining the Intrinsic Cardiac Risks of Operations to Improve Preoperative Cardiac Risk Assessments. **2018**, 128, 283-292 | 29 |

| 1050 | High-sensitivity cardiac troponin assays and unstable angina. **2018**, 7, 120-128 | 29 |

| 1049 | Statin Therapy in Patients Undergoing Coronary Artery Bypass Grafting for Acute Coronary Syndrome. **2018**, 66, 434-441 | 3 |

1030	Platelet-derived growth factor-C and -D in the cardiovascular system and diseases. **2018**, 62, 12-21	23
1029	Thrombogenicity and central pulse pressure to enhance prediction of ischemic event occurrence in patients with established coronary artery disease: The MAGMA-ischemia score. **2018**, 268, 55-62	3
1028	Immediate complete revascularization in patients with ST-segment elevation myocardial infarction and multivessel disease treated by primary percutaneous coronary intervention: Insights from the ORBI registry. **2018**, 111, 656-665	5
1027	A lower eicosapentaenoic acid/arachidonic acid ratio is associated with in-hospital fatal arrhythmic events in patients with acute myocardial infarction: a J-MINUET substudy. **2018**, 33, 481-488	6
1026	Myocardial injury after endovascular revascularization in critical limb ischemia predicts 1-year mortality: a prospective observational cohort study. **2018**, 107, 319-328	8
1025	Clinical outcome according to spasm type of single coronary artery provoked by intracoronary ergonovine tests in patients without significant organic stenosis. **2018**, 252, 6-12	8
1024	Spontaneous Coronary Artery Dissection: Reflections on an Uncommon Etiology of Acute Myocardial Infarction. **2018**, 11, 91-94	5
1023	Cardiac Biomarkers in Emergency Care. **2018**, 36, 27-36	4
1022	New Insights Into the Use of the 12-Lead Electrocardiogram for Diagnosing Acute Myocardial Infarction in the Emergency Department. **2018**, 34, 132-145	34
1021	Non-ST-Segment Acute Coronary Syndromes. **2018**, 36, 37-52	16
1020	Effect of Optimal Medical Therapy at Discharge in Patients With Reperfused ST-Segment Elevation Myocardial Infarction on 1-Year Mortality (from the Regional RESCUe Registry). **2018**, 121, 403-409	6
1019	Contemporary Emergency Department Management of Patients with Chest Pain: A Concise Review and Guide for the High-Sensitivity Troponin Era. **2018**, 34, 98-108	25
1018	Coronary artery calcification predicts cardiovascular complications after sepsis. **2018**, 44, 261-266	5
1017	Perioperative Myocardial Injury After Noncardiac Surgery: Incidence, Mortality, and Characterization. **2018**, 137, 1221-1232	186
1016	Multivessel disease in patients over 75years old with ST elevated myocardial infarction. Current management strategies and related clinical outcomes in the ESTROFA MI+75 nation-wide registry. **2018**, 19, 580-588	4
1015	Reduced glucose transporter-1 in brain derived circulating endothelial cells in mild Alzheimer's disease patients. **2018**, 1678, 304-309	11
1014	Anesthesia in High-Risk Patients. **2018**,	
1013	The Patient with Acute Coronary Syndrome. **2018**, 3-17	

994	Use of Medicare Claims Data for the Identification of Myocardial Infarction: The Reasons for Geographic And Racial Differences in Stroke Study. **2018**, 56, 1051-1059	13
993	What's the Risk? Older Women Report Fewer Symptoms for Suspected Acute Coronary Syndrome than Younger Women. **2018**, 7, 131-138	6
992	Proteolytic Digestion of Serum Cardiac Troponin I as Marker of Ischemic Severity. **2018**, 3, 450-455	12
991	Asymptomatic myocardial ischemia forecasts adverse events in cardiovascular magnetic resonance dobutamine stress testing of high-risk middle-aged and elderly individuals. **2018**, 20, 75	10
990	Primary PCI versus pharmacoinvasive strategy for ST elevation myocardial infarction. **2018**, 21, 87-93	5
989	Il tempo di risposta del Laboratorio (turnaround time, TAT) per la troponina (cTn). Raccomandazione del GdS MM SIPMeL. **2018**, 14, 105-121	1
988	Changes in biomarkers of cardiac dysfunction during exacerbations of chronic obstructive pulmonary disease. **2018**, 145, 192-199	11
987	Mass Spectrometric Identification of Cardiac Troponin T in Urine of Patients Suffering from Acute Myocardial Infarction. **2018**, 2, 857-867	3
986	Tonifying Qi and activating blood circulation in terms of Traditional Chinese Medicine: their effects in patients with myocardial infarction. **2018**, 38, 726-732	1
985	Peri-procedural myocardial infarction is all the same?. **2018**, 10, S3176-S3181	2
984	Effects of Coronary Artery Revascularization with a Polymer-Free Biolimus A9-Coated BioFreedom Stent Versus Bypass Surgery before Noncardiac Surgery. **2018**, 59, 480-488	
983	Outcomes Among Diabetic Patients Undergoing Percutaneous Coronary Intervention With Contemporary Drug-Eluting Stents: Analysis From the BIONICS Randomized Trial. **2018**, 11, 2467-2476	24
982	Prognostic Impact of Periprocedural Myocardial Infarction in Patients Undergoing Elective Percutaneous Coronary Interventions. **2018**, 11, e006752	15
981	Mechanisms of Sex Disparities in Cardiovascular Function and Remodeling. **2018**, 9, 375-411	7
980	Hauptstammstenose: perkutane koronare Intervention vs. chirurgische Koronarrevaskularisation. **2018**, 32, 471-481	
979	Drug-Coated Balloon Versus Drug-Eluting Stent for Small-Vessel Disease: The RESTORE SVD China Randomized Trial. **2018**, 11, 2381-2392	45
978	Comparison of 2 Different Drug-Coated Balloons in In-Stent Restenosis: The RESTORE ISR China Randomized Trial. **2018**, 11, 2368-2377	13
977	Hospital Charges Associated With Inpatient Troponin Testing. *Journal of the American College of Cardiology*, **2018**, 72, 2940	15.1 3

976	Reply: The Need for Sex-Specific Cutoff Levels for High-Sensitivity Troponins. *Journal of the American College of Cardiology*, **2018**, 72, 1878	15.1
975	First Hospitalization for Heart Failure in Outpatients With Stable Coronary Artery Disease: Determinants, Role of Incident Myocardial Infarction, and Prognosis. **2018**, 24, 815-822	10
974	Acute ST-Segment Elevation Myocardial Infarction (STEMI). **2018**, 107-119	
973	Coronary CTA for Preoperative Risk Assessment in Noncardiac Surgery. **2018**, 11, 1	
972	The Need for Sex-Specific Cutoff Levels for High-Sensitivity Troponins. *Journal of the American College of Cardiology*, **2018**, 72, 1877-1878	15.1
971	1-Year Clinical Outcomes of All-Comer Patients Treated With the Dual-Therapy COMBO Stent: Primary Results of the COMBO Collaboration. **2018**, 11, 1969-1978	14
970	Rationale and design of the Pemafibrate to Reduce Cardiovascular Outcomes by Reducing Triglycerides in Patients with Diabetes (PROMINENT) study. **2018**, 206, 80-93	183
969	Circulating Cardiac Troponin I Levels Measured by a Novel Highly Sensitive Assay in Acute Decompensated Heart Failure: Insights From the ASCEND-HF Trial. **2018**, 24, 512-519	7
968	Associations between circulating IgG antibodies to Apolipoprotein B-derived peptide antigens and acute coronary syndrome in a Chinese Han population. **2018**, 38,	2
967	Design of electrospun fibrous patches for myocardium regeneration. **2018**, 221-250	3
966	Randomised controlled trial of the Limit of Detection of Troponin and ECG Discharge (LoDED) strategy versus usual care in adult patients with chest pain attending the emergency department: study protocol. **2018**, 8, e025339	4
965	Remnant Lipoprotein Cholesterol and Cardiovascular and Cerebrovascular Events in Patients with Non-Alcoholic Fatty Liver Disease. **2018**, 7,	19
964	Long term effect of air pollution on incident hospital admissions: Results from the Italian Longitudinal Study within LIFE MED HISS project. **2018**, 121, 1087-1097	36
963	Residual inflammatory risk and the impact on clinical outcomes in patients after percutaneous coronary interventions. **2018**, 39, 4101-4108	43
962	Are high-sensitivity troponins always reliable? Donor-recipient troponin transfusion in liver transplantation. **2018**, 121, 1212-1214	2
961	Predictive Value of F-Sodium Fluoride Positron Emission Tomography in Detecting High-Risk Coronary Artery Disease in Combination With Computed Tomography. **2018**, 7, e010224	35
960	Low-density Lipoprotein Cholesterol/High-density Lipoprotein Cholesterol Ratio as Predictor of First Acute Myocardial Infarction and Major Adverse Cardiovascular Event after Intervention in Young Males. **2018**, 131, 2239-2241	2
959	Alterations in heart rate variability in patients with peripheral arterial disease requiring surgical revascularization have limited association with postoperative major adverse cardiovascular and cerebrovascular events. **2018**, 13, e0203519	9

958	Cardiology Consult Manual. **2018**,	
957	Mortality in Patients With Out-of-Hospital Cardiac Arrest Undergoing a Standardized Protocol Including Therapeutic Hypothermia and Routine ́Coronary Angiography: Experience From the HACORE Registry. **2018**, 11, 1811-1820	21
956	Left ventricular blood flow kinetic energy after myocardial infarction - insights from 4D flow cardiovascular magnetic resonance. **2018**, 20, 61	31
955	Efficacy of Traditional Chinese Medicine in patients with acute myocardial infarction suffering from diabetes mellitus. **2018**, 38, 412-418	
954	Diagnostic expansion in clinical trials: myocardial infarction, stroke, cancer recurrence, and metastases may not be the hard endpoints you thought they were. **2018**, 362, k3783	6
953	Different Neointimal Pattern in Early vs. Late In-Stent Restenosis and Clinical Outcomes After Drug-Coated Balloon Angioplasty - An Optical Coherence Tomography Study. **2018**, 82, 2745-2752	8
952	Prevalence and Outcomes of Percutaneous Coronary Interventions for Ostial Chronic Total Occlusions: Insights From a Multicenter Chronic Total Occlusion Registry. **2018**, 34, 1264-1274	8
951	Guideline-indicated treatments and diagnostics, GRACE risk score, and survival for non-ST elevation myocardial infarction. **2018**, 39, 3798-3806	42
950	Prognostic Value of the Residual SYNTAX Score After Functionally Complete Revascularization in ACS. *Journal of the American College of Cardiology*, **2018**, 72, 1321-1329	15.1 19
949	Physical Activity Intensity and Cardiovascular Disease Prevention-From the Seguimiento Universidad de Navarra Study. **2018**, 122, 1871-1878	4
948	Targeted therapy with a localised abluminal groove, low-dose sirolimus-eluting, biodegradable polymer coronary stent (TARGET All Comers): a multicentre, open-label, randomised non-inferiority trial. **2018**, 392, 1117-1126	31
947	Precursor proadrenomedullin influences cardiomyocyte survival and local inflammation related to myocardial infarction. **2018**, 115, E8727-E8736	14
946	Pre-Procedural Thrombolysis in Myocardial Infarction Flow in Patients with ST-Segment Elevation Myocardial Infarction. **2018**, 59, 920-925	7
945	Diminishing dry weight is strongly associated with all-cause mortality among long-term maintenance prevalent dialysis patients. **2018**, 13, e0203060	1
944	Patient-reported symptoms improve prediction of acute coronary syndrome in the emergency department. **2018**, 41, 459-468	8
943	Cardiac protection by remote ischemic preconditioning in patients with diabetes status. **2018**, 271, 53	
942	Human Plasma Metabolomics Implicates Modified 9-cis-Retinoic Acid in the Phenotype of Left Main Artery Lesions in Acute ST-Segment Elevated Myocardial Infarction. **2018**, 8, 12958	7
941	Clinical laboratory practice recommendations for high-sensitivity cardiac troponin testing. **2018**, 3, 30-30	1

940   Percutaneous Revascularization for Ischemic Ventricular Dysfunction: Rationale and Design of the REVIVED-BCIS2 Trial: Percutaneous Coronary Intervention for Ischemic Cardiomyopathy. **2018**, 6, 517-526   37

939   Clinical implications of high-sensitivity cardiac troponins. **2018**, 284, 50-60   8

938   The Incidence of Myocardial Injury after Loading Doses of Clopidogrel versus Prasugrel in the Candidates for Percutaneous Coronary Intervention: A Randomized Controlled Trial. **2018**, 17, 69-72   3

937   Multiple-feature-branch convolutional neural network for myocardial infarction diagnosis using electrocardiogram. **2018**, 45, 22-32   66

936   The trouble with troponin. **2018**, 31, 238-239   3

935   Posttraumatic stress disorder in patients who rule out versus rule in for acute coronary syndrome. **2018**, 53, 101-107   16

934   Sex-Specific Versus Overall Clinical Decision Limits for Cardiac Troponin I and T for the Diagnosis of Acute Myocardial Infarction: A Systematic Review. **2018**, 64, 1034-1043   27

933   A High Level of Blood Urea Nitrogen Is a Significant Predictor for In-hospital Mortality in Patients with Acute Myocardial Infarction. **2018**, 59, 263-271   18

932   The clinical significance of echo-attenuated plaque in stable angina pectoris compared with acute coronary syndromes: A combined intravascular ultrasound and optical coherence tomography study. **2018**, 270, 1-6   3

931   The Usefulness and Limitations of Point-of-care Cardiac Troponin Measurement in the Emergency Department. **2018**, 57, 1673-1680   13

930   In-hospital Outcomes of Attempting More Than One Chronic Total Coronary Occlusion Through Percutaneous Intervention During the Same Procedure. **2018**, 122, 381-387   3

929   Safety and usefulness of acetylcholine provocation test in patients with no culprit lesions on emergency coronary angiography. **2018**, 269, 27-30   7

928   Biomarker in cardiology : DGK welcomes ESC Munich 2018. **2018**, 107, 10-15   7

927   Fisetin Confers Cardioprotection against Myocardial Ischemia Reperfusion Injury by Suppressing Mitochondrial Oxidative Stress and Mitochondrial Dysfunction and Inhibiting Glycogen Synthase Kinase 3 Activity. **2018**, 2018, 9173436   46

926   Plasma Ceramides as Prognostic Biomarkers and Their Arterial and Myocardial Tissue Correlates in Acute Myocardial Infarction. **2018**, 3, 163-175   45

925   Diagnosis of Non-ST-Elevation Myocardial Infarction (NSTEMI). **2018**, 47-53

924   A rare cause of myocardial infarction with non-obstructive coronary arteries-case report of ST-segment elevation myocardial infarction caused by a mediastinal mass. **2018**, 2, yty008   2

923   Regional to tertiary inter-hospital transfer versus in-house percutaneous coronary intervention in acute coronary syndrome. **2018**, 13, e0198272   3

922	High-Sensitivity Cardiac Troponin-Based Strategies for the Assessment of Chest Pain Patients-A Review of Validation and Clinical Implementation Studies. **2018**, 64, 1572-1585	18
921	Development and Validation of Nomogram to Predict Acute Kidney Injury in Patients with Acute Myocardial Infarction Treated Invasively. **2018**, 8, 9769	9
920	Serological Evidence of Myocardial Injury with Exercise. **2018**, 135-159	
919	Update on high-sensitivity cardiac troponin in patients with suspected myocardial infarction. **2018**, 20, G2-G10	10
918	Biomarkers and heartâkidney interaction. **2018**, 20, G28-G36	1
917	High-sensitive troponin is associated with subclinical imaging biosignature of inflammatory cardiovascular involvement in systemic lupus erythematosus. **2018**, 77, 1590-1598	28
916	The interplay of LncRNA ANRIL and miR-181b on the inflammation-relevant coronary artery disease through mediating NF-B signalling pathway. **2018**, 22, 5062-5075	61
915	Association of plasma apolipoprotein CIII, high sensitivity C-reactive protein and tumor necrosis factor-â contributes to the clinical features of coronary heart disease in Li and Han ethnic groups in China. **2018**, 17, 176	6
914	Growth differentiation factor-15 levels and the risk of contrast induced nephropathy in patients with acute myocardial infarction undergoing percutaneous coronary intervention: A retrospective observation study. **2018**, 13, e0197609	4
913	Safety of Diagnostic and Therapeutic Cardiac Catheterization in Cancer Patients With Acute Coronary Syndrome and Chronic Thrombocytopenia. **2018**, 122, 1465-1470	23
912	Traumatic Heart Disease. **2018**, 614-621	
911	Comparing Cardiac Magnetic Resonance-Guided Versus Angiography-Guided Treatment of Patients With Stable Coronary Artery Disease: Results From a Prospective Randomized Controlled Trial. **2018**, 11, 987-996	12
910	Acute coronary syndromes diagnosis, version 2.0: Tomorrow's approach to diagnosing acute coronary syndromes?. **2018**, 18, 94-99	11
909	Hypertension, Microvascular Pathology, and Prognosis After an Acute Myocardial Infarction. **2018**, 72, 720-730	14
908	Effect of aspirin in vascular surgery in patients from a randomized clinical trial (POISE-2). **2018**, 105, 1591-1597	13
907	Comparison of high-sensitivity cardiac troponin I and T for the prediction of cardiac complications after non-cardiac surgery. **2018**, 203, 67-73	14
906	Validation of high-sensitivity performance for a United States Food and Drug Administration cleared cardiac troponin I assay. **2018**, 56, 4-10	20
905	Impacts of Predischarge Diastolic Functional Recovery on Clinical Outcomes in Patients With Hypertensive Heart Failure. **2018**, 82, 1651-1658	1

904	Randomized clinical comparison of the dual-therapy CD34 antibody-covered sirolimus-eluting Combo stent with the sirolimus-eluting Orsiro stent in patients treated with percutaneous coronary intervention: Rationale and study design of the Scandinavian Organization for Randomized Trials with Clinical Outcome (SORT OUT) X trial. **2018**, 202, 49-53		8
903	Elective Coronary Revascularization Procedures in Patients With Stable Coronary Artery Disease: Incidence, Determinants, and Outcome (From the CORONOR Study). **2018**, 11, 868-875		3
902	Strategies in Acute Coronary Syndrome. **2018**, 921-938		1
901	Dose-dependent INhibitory effect of rosuVastatin In Japanese patienTs with Acute myocardial infarcTION on serum concentration of matrix metalloproteinases - INVITATION trial. **2018**, 72, 350-355		2
900	Rationale and design of the EVOLVE Short DAPT Study to assess 3-month dual antiplatelet therapy in subjects at high risk for bleeding undergoing percutaneous coronary intervention. **2018**, 205, 110-117		17
899	Serum Copeptin Levels Predict Clinical Outcomes After Successful Percutaneous Coronary Intervention in Patients With Acute Myocardial Infarction. **2018**, 38, 538-544		6
898	Fourth Universal Definition of Myocardial Infarction (2018). **2018**, 138, e618-e651		865
897	Coronary CT Angiographic and Flow Reserve-Guided Management of Patients With Stable Ischemic Heart Disease. *Journal of the American College of Cardiology*, **2018**, 72, 2123-2134	15.1	75
896	Observation of changes in the number of myocardial capillaries in rabbits after treatment of acute myocardial infarction by Tongxinluo superfine powder. **2018**, 38, 406-411		
895	Comparison of Serum Levels of Vitamin D in Patients With and Without Acute Coronary Syndrome. **2018**, 3, 25-29		1
894	Drug-coated balloons for small coronary artery disease (BASKET-SMALL 2): an open-label randomised non-inferiority trial. **2018**, 392, 849-856		144
893	Genotype-Phenotype Association and Impact on Outcomes following Guided De-Escalation of Anti-Platelet Treatment in Acute Coronary Syndrome Patients: The TROPICAL-ACS Genotyping Substudy. **2018**, 118, 1656-1667		17
892	The ZnO-FET Biosensor for Cardiac Troponin I. **2018**, 318, 012031		4
891	Progressive myocardial injury is associated with mortality in the acute respiratory distress syndrome. **2018**, 48, 26-31		7
890	Clinical Outcomes of Drug-Eluting Balloon for In-Stent Restenosis Based on the Number of Metallic Layers. **2018**, 11, e005935		10
889	Potential Effectiveness of Chinese Patent Medicine for Secondary Prevention After Acute Myocardial Infarction: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. **2018**, 9, 830		13
888	Carotid and Intracranial Stent Placement. **2018**, 345-355		0
887	Heart functional and structural compendium of cardiosplenic and cardiorenal networks in acute and chronic heart failure pathology. **2018**, 314, H255-H267		30

886   Long-Term Association of Dipyridamole Stress Myocardial Contrast Echocardiography versus Single-Photon Emission Computed Tomography with Clinical Outcomes in Patients with Known or Suspected Coronary Artery Disease. **2018**, 31, 860-869   1

885   Risk of Thrombosis in Patients Presenting with Myocardial Infarction with Nonobstructive Coronary Arteries (MINOCA). **2018**, 2, e167-e172   6

884   Implications of High-Sensitivity Troponin Testing: Learning From Those Who Came Before Us. *Journal of the American College of Cardiology*, **2018**, 71, 2625-2627   15.1   2

883   CAMI-NSTEMI Score - China Acute Myocardial Infarction Registry-Derived Novel Tool to Predict In-Hospital Death in Non-ST Segment Elevation Myocardial Infarction Patients. **2018**, 82, 1884-1891   8

882   Growth differentiation factor-15 levels and the risk of contrast induced acute kidney injury in acute myocardial infarction patients treated invasively: A propensity-score match analysis. **2018**, 13, e0194152   5

881   Left ventricular end diastolic pressure and contrast-induced acute kidney injury in patients with acute coronary syndrome undergoing percutaneous coronary intervention. **2018**, 19, 16-20   5

880   Current indications for the intra-aortic balloon pump: The CP-GARO registry. **2018**, 111, 739-748   6

879   Efficacy and safety of CYP2C19 genotype in stroke or transient ischemic attack patients treated with clopidogrel monotherapy or clopidogrel plus aspirin: Protocol for a systemic review and meta-analysis. **2018**, 97, e11060   3

878   Echocardiography in a Patient with a New Murmur. **2018**, 93-112

877   Predictors of Successful Weaning From Veno-Arterial Extracorporeal Membrane Oxygenation After Coronary Revascularization for Acute Myocardial Infarction Complicated by Cardiac Arrest: A Retrospective Multicenter Study. **2019**, 51, 690-697   8

876   Optical Coherence Tomography Assessment of Morphological Characteristics in Suspected Coronary Artery Disease, but Angiographically Nonobstructive Lesions. **2019**, 20, 475-479   6

875   Post-exercise cardiac troponin I release and clearance in normal Standardbred racehorses. **2019**, 51, 97-101   9

874   Validation of DAPT score for prolonged dual antiplatelet therapy in patients with acute myocardial infarction. **2019**, 60, 296-302   5

873   Impact of different final optimization techniques on long-term clinical outcomes of left main cross-over stenting. **2019**, 20, 108-112   6

872   Novel ECG-based scoring tool for prediction of takotsubo syndrome. **2019**, 108, 68-73   11

871   Fourth universal definition of myocardial infarction (2018).. **2019**, 40, 237-269   851

870   The ratio of N-terminal pro-B-type natriuretic peptide to troponin I for differentiating acute coronary syndrome. **2019**, 37, 1013-1019

869   High-sensitivity cardiac troponin-I analytical imprecisions evaluated by internal quality control or imprecision profile. **2019**, 57, e49-e51   5

868   Effect of Health and Training on Ultrasensitive Cardiac Troponin in Marathon Runners. **2019**, 3, 775-787   2

867   Usefulness of the PARIS Score to Evaluate the Ischemic-hemorrhagic Net Benefit With Ticagrelor and Prasugrel After an Acute Coronary Syndrome. **2019**, 72, 215-223   3

866   Clinical Predictors of Risk for Decreased Cardiac Tissue Perfusion After Percutaneous Coronary Intervention: A Retrospective Cohort Study. **2019**, 30, 162-167

865   Health and Gender. **2019**,

864   Localization of Myocardial Infarction From Multi-Lead ECG Signals Using Multiscale Analysis and Convolutional Neural Network. **2019**, 19, 11437-11448   36

863   An electrochemical troponin I peptisensor using a triangular icicle-like gold nanostructure. **2019**, 151, 107326   20

862   The association of endothelial injury and systemic inflammation with perioperative myocardial infarction. **2019**, 56, 674-683   1

861   Successful revascularization versus medical therapy in diabetic patients with stable right coronary artery chronic total occlusion: a retrospective cohort study. **2019**, 18, 108   7

860   Recombinase polymerase amplification combined with a magnetic nanoparticle-based immunoassay for fluorometric determination of troponin T. **2019**, 186, 549   9

859   Hybrid coronary revascularization versus off-pump coronary artery bypass grafting and percutaneous coronary intervention for the treatment of two-vessel coronary artery disease with proximal left anterior descending artery stenosis. **2019**, 11, 2402-2409   7

858   Meta-Analysis Comparing the Risk of Myocardial Infarction Following Coronary Artery Bypass Grafting Versus Percutaneous Coronary Intervention in Patients With Multivessel or Left Main Coronary Artery Disease. **2019**, 124, 842-850   3

857   Myocardial Infarction Risk Stratification With a Single Measurement of High-Sensitivity Troponin I. *Journal of the American College of Cardiology*, **2019**, 74, 271-282   15.1   49

856   Association between inflammation-based prognostic scores and in-hospital outcomes in elderly patients with acute myocardial infarction. **2019**, 14, 1199-1206   6

855   Revacept, a Novel Inhibitor of Platelet Adhesion, in Patients Undergoing Elective PCI-Design and Rationale of the Randomized ISAR-PLASTER Trial. **2019**, 119, 1539-1545   17

854   Circulating miRNAs as predictors for morbidity and mortality in coronary artery disease. **2019**, 46, 5661-5665   5

853   Outcome of Applying the ESC 0/1-hour Algorithm in Patients With Suspected Myocardial Infarction. *Journal of the American College of Cardiology*, **2019**, 74, 483-494   15.1   64

852   Autonomic Parameter and Stress Profile Predict Secondary Ischemic Events After Transient Ischemic Attack or Minor Stroke. **2019**, 50, 2007-2015   6

851   Post-Infectious Myocardial Infarction: New Insights for Improved Screening. **2019**, 8,   26

850   A New Index for Pre-Operative Cardiovascular Evaluation. *Journal of the American College of Cardiology*, **2019**, 73, 3067-3078   15.1   27

849   Recurrent idiopathic spontaneous coronary artery dissection. **2019**, 109, 477-479

848   Gender and Outcomes following Guided De-Escalation of Antiplatelet Treatment in Acute Coronary Syndrome Patients: The TROPICAL-ACS Gender Substudy. **2019**, 119, 1527-1538   3

847   Utility of High-Sensitivity and Conventional Troponin in Patients Undergoing Transcatheter Aortic Valve Replacement: Incremental Prognostic Value to B-type Natriuretic Peptide. **2019**, 9, 14936   2

846   Prevalence and Predictors of Delay in Seeking Emergency Care in Patients Who Call 9-1-1 for Chest Pain. **2019**, 57, 603-610   8

845   The effect of low-dose colchicine in patients with stable coronary artery disease: The LoDoCo2 trial rationale, design, and baseline characteristics. **2019**, 218, 46-56   30

844   Prognostic Utility of Troponin I and N Terminal-ProBNP among Patients with Heart Failure due to Non-Ischemic Cardiomyopathy and Important Correlations. **2019**, 17, 94-103

843   Real-World Use Of Ultrathin-Strut Biodegradable Polymer-Coated Sirolimus-Eluting Stents In Patients With Coronary Artery Disease: 6-Month Clinical Outcomes. **2019**, 15, 439-447   1

842   Sex-Related Differences in Heart´Failure´After ST-Segment Elevation Myocardial Infarction. *Journal of the American College of Cardiology*, **2019**, 74, 2379-2389   15.1   34

841   Regression of Q waves and clinical outcomes following primary PCI in anterior STEMI. **2019**,   1

840   Relationship between hemoglobin A1c and serum troponin in patients with diabetes and cardiovascular events. **2019**, 18, 693-704   5

839   Sex-Specific Thresholds of High-Sensitivity Troponin in Patients With Suspected Acute Coronary Syndrome. *Journal of the American College of Cardiology*, **2019**, 74, 2032-2043   15.1   31

838   The impact of high-intensity interval training on ventricular remodeling in patients with a recent acute myocardial infarction-A randomized training intervention pilot study. **2019**, 42, 1222-1231   13

837   Cardioprotective effects of ()-4-hydroxy-N'-(1-(3-oxo-3H-benzo[f]chromen-2-yl)ethylidene)benzohydrazide: a newly synthesized coumarin hydrazone against isoproterenol-induced myocardial infarction in a rat model. **2019**, 97, 989-998   7

836   Myocardial infarction patients referred to the primary care physician after 1-year treatment according to a´guideline-based protocol have a´good prognosis. **2019**, 27, 550-558   1

835   Acute and Long-Term Outcomes of Patients with Impaired Left Ventricular Systolic Function Undergoing Rotational Atherectomy: A Single-Center Observational Retrospective Study. **2019**, 8, 267-281   2

834   Clinical efficacy and safety of percutaneous coronary intervention for acute myocardial infarction complicated with chronic renal insufficiency: A protocol of systematic review and meta-analysis. **2019**, 98, e16005   1

833   High-Sensitivity Troponin and the Application of Risk Stratification Thresholds in Patients With Suspected Acute Coronary Syndrome. **2019**, 140, 1557-1568   46

832	A Genotype-Guided Strategy for Oral P2Y Inhibitors in Primary PCI. **2019**, 381, 1621-1631	219
831	Clinical outcomes of coronary artery bifurcation disease patients underwent Culotte two-stent technique: a single center experience. **2019**, 19, 208	4
830	Low High-Sensitivity Troponin Thresholds Identify Low-Risk Patients With Chest Pain Unlikely to Benefit From Further Risk Stratification. **2019**, 1, 289-296	4
829	CHA2DS2-VASc score as a novel predictor for contrast-induced nephropathy after percutaneous coronary intervention in acute coronary syndrome. **2019**, 71, 303-308	3
828	Surveillance and Management of Troponin Elevation after Vascular Surgery. **2019**, 60, 156-164	1
827	Ticagrelor with or without Aspirin in High-Risk Patients after PCI. **2019**, 381, 2032-2042	395
826	A Rule-Out Strategy Based on High-Sensitivity Troponin and HEART Score Reduces Hospital Admissions. **2019**, 73, 491-499	18
825	Single-Molecule hsTnI and Short-Term Risk in Stable Patients With Chest Pain. *Journal of the American College of Cardiology*, **2019**, 73, 251-260	15.1 19
824	Thromboembolic Risk of Imaging-Confirmed Coronary Artery Disease Without Myocardial Infarction in Patients With Nonvalvular Atrial Fibrillation. **2019**, 123, 1287-1292	3
823	Vascular response and intrastent thrombus in the early phase after drug-eluting versus bare-metal stent implantation in patients with ST-segment elevation myocardial infarction: An observational, single-center study. **2019**, 2, e105	2
822	Shenzhu Guanxin Recipe Granules () for Improving Exercise Tolerance in Patients with Stable Angina (SERIES Trial): A Protocol of Multicenter, Randomized, Double-Blind, Placebo Parallel Controlled Clinical Trial. **2019**, 25, 96-102	2
821	Untangling the obesity paradox in patients with acute myocardial infarction after primary percutaneous coronary intervention (detail analysis by age). **2019**, 289, 12-18	21
820	Low expression of PRMT5 in peripheral blood may serve as a potential independent risk factor in assessments of the risk of stable CAD and AMI. **2019**, 19, 31	8
819	Rationale and design of the Onyx ONE global randomized trial: A randomized controlled trial of high-bleeding risk patients after stent placement with 1 month of dual antiplatelet therapy. **2019**, 214, 134-141	24
818	Biology and Role of Extracellular Vesicles (EVs) in the Pathogenesis of Thrombosis. **2019**, 20,	72
817	A prospective, multicenter, randomized OCT study of early neointimal condition at first and second months after BuMA Supreme stent versus XIENCE stent implantation in high-bleeding-risk coronary artery disease patients: study protocol for a randomized controlled trial. **2019**, 20, 335	
816	Plasma miR-22-5p, miR-132-5p, and miR-150-3p Are Associated with Acute Myocardial Infarction. **2019**, 2019, 5012648	25
815	Association of onset-season with characteristics and long-term outcomes in acute myocardial infarction patients: results from the Japanese registry of acute myocardial infarction diagnosed by universal definition (J-MINUET) substudy. **2019**, 34, 1899-1908	3

| 814 | Medical Diagnostic Tests: A Review of Test Anatomy, Phases, and Statistical Treatment of Data. **2019**, 2019, 1891569 | 30 |

| 813 | [Perioperative myocardial ischemia : Current aspects and concepts]. **2019**, 68, 497-508 | 0 |

| 812 | Comparative Analysis of Circulating Noncoding RNAs Versus Protein Biomarkers in the Detection of Myocardial Injury. **2019**, 125, 328-340 | 59 |

| 811 | Serum Soluble ST2 and Adverse Left Ventricular Remodeling in Patients With ST-Segment Elevation Myocardial Infarction. **2019**, 13, 1179546819842804 | 9 |

| 810 | 2-Year Clinical Outcomes of an Abluminal Groove-Filled Biodegradable-Polymer Sirolimus-Eluting Stent Compared With a Durable-Polymer Everolimus-Eluting Stent. **2019**, 12, 1679-1687 | 6 |

| 809 | Critical Appraisal of Contemporary Clinical Endpoint Definitions in Coronary Intervention Trials: A Guidance Document. **2019**, 12, 805-819 | 15 |

| 808 | Hypoxaemia during recovery after surgery for colorectal cancer: a prospective observational study. **2019**, 74, 1009-1017 | 9 |

| 807 | Use of Initial Noninvasive Cardiac Testing and Association with Downstream Healthcare Resource: A Retrospective Review of Resources Used Across a 12-Month Window for Probable Type I Myocardial Infarction Patients. **2019**, 3, 527-535 | |

| 806 | Early Clinical Outcomes of Surgical Myocardial Revascularization for Acute Coronary Syndromes Complicated by Cardiogenic Shock: A Report From the North-Rhine-Westphalia Surgical Myocardial Infarction Registry. **2019**, 8, e012049 | 10 |

| 805 | Familial Hypercholesterolemia Among Young Adults With Myocardial Infarction. *Journal of the American College of Cardiology*, **2019**, 73, 2439-2450 | 15.1 | 45 |

| 804 | Does the site of coronary endarterectomy have an impact on the clinical outcomes and graft patency?. **2019**, 29, 402-408 | 5 |

| 803 | The Associations between Meat Group Consumption and Acute Myocardial Infarction Risks in an Iranian Population: a Case-Control Study. **2019**, 8, 159-168 | |

| 802 | Sirt6-induced autophagy restricted TREM-1-mediated pyroptosis in ox-LDL-treated endothelial cells: relevance to prognostication of patients with acute myocardial infarction. **2019**, 5, 88 | 24 |

| 801 | Effect of sequential nicorandil on myocardial microcirculation and short-term prognosis in acute myocardial infarction patients undergoing coronary intervention. **2019**, 11, 744-752 | 8 |

| 800 | Rationale and design of the HIP fracture Accelerated surgical TreaTment And Care tracK (HIP ATTACK) Trial: a protocol for an international randomised controlled trial evaluating early surgery for hip fracture patients. **2019**, 9, e028537 | 11 |

| 799 | Human peripheral blood-derived exosomes for microRNA delivery. **2019**, 43, 2319-2328 | 20 |

| 798 | The PROTROPIC feasibility study: prognostic value of elevated troponins in critical illness. **2019**, 66, 648-657 | |

| 797 | Myocardial Infarction with Non Obstructive Coronary Arteries (MINOCA): Are there ethnic differences?. **2019**, 287, 46-47 | 1 |

778   Clinical Practice Guideline of Integrative Chinese and Western Medicine for Acute Myocardial Infarction. **2020**, 26, 539-551   3

777   Prognostic value of high-sensitive cardiac troponin I in asymptomatic chronic hemodialysis patients. **2020**, 33, 129-136   2

776   Performance of cardiac troponins within the HEART score in predicting major adverse cardiac events at the emergency department. **2020**, 38, 1560-1567   6

775   Distal Evaluation of Functional performance with Intravascular sensors to assess the Narrowing Effect-combined pressure and Doppler FLOW velocity measurements (DEFINE-FLOW) trial: Rationale and trial design. **2020**, 222, 139-146   7

774   [Troponin test in clinical daily practice - Differences in the quality criteria for the diagnosis of acute myocardial Infarction considering clinical leading symptoms: A cross-sectional study]. **2020**, 145, e24-e31

773   Frontline Science: Low regulatory T cells predict perioperative major adverse cardiovascular and cerebrovascular events after noncardiac surgery. **2020**, 107, 717-730   7

772   Developing a Psychological-Behavioral Intervention in Cardiac Patients Using the Multiphase Optimization Strategy: Lessons Learned From the Field. **2020**, 54, 151-163   3

771   Impact of high-sensitivity C-reactive protein on coronary artery disease severity and outcomes in patients undergoing percutaneous coronary intervention. **2020**, 75, 60-65   13

770   Clinical Use of CT-Derived Fractional Flow Reserve in the Emergency Department. **2020**, 13, 452-461   26

769   Impact of concomitant treatment of non-chronic total occlusion lesions at the time of chronic total occlusion intervention. **2020**, 299, 75-80   2

768   The Geriatric Nutritional Risk Index Predicts Long-Term Survival and Cardiovascular or Limb Events in Peripheral Arterial Disease. **2020**, 27, 134-143   24

767   Can Emergency Physician Gestalt "Rule In" or "Rule Out" Acute Coronary Syndrome: Validation in a Multicenter Prospective Diagnostic Cohort Study. **2020**, 27, 24-30   17

766   Does Parkinson's disease increase the risk of cardiovascular events? A systematic review and meta-analysis. **2020**, 27, 288-296   20

765   Computational fluid dynamic-derived wall shear stress of non-significant left main bifurcation disease may predict acute vessel thrombosis at 3-year follow-up. **2020**, 35, 297-306   6

764   Pivotal findings for a high-sensitivity cardiac troponin assay: Results of the HIGH-US study. **2020**, 78, 32-39   8

763   Predictive value of abdominal aortic calcification index for mid-term cardiovascular events in patients with acute coronary syndrome. **2020**, 35, 620-629   2

762   Impact of posteromedial papillary muscle infarction on mitral regurgitation during ST-segment elevation myocardial infarction. **2020**, 36, 503-511   1

761   Risk Factors and Outcomes of Very Young Adults Who Experience Myocardial Infarction: The Partners YOUNG-MI Registry. **2020**, 133, 605-612.e1   27

760	A novel method for detecting ST segment elevation myocardial infarction on a 12-lead electrocardiogram with a three-dimensional display. **2020**, 56, 101700	7
759	Percutaneous Coronary Intervention Offers Survival Benefit to Stable Patients With One Single Chronic Total Occlusion and Diabetes: A Propensity Score-Matched Analysis. **2020**, 71, 150-159	3
758	Outcome predictors of patients with out of hospital cardiac arrest and immediate coronary angiography. **2020**, 96, 509-516	2
757	Epidemiology Characteristics and Outcome of Patients With Clinically Diagnosed Acute Myocarditis. **2020**, 133, 492-499	15
756	HEART score improves efficiency of coronary computed tomography angiography in patients suspected of acute coronary syndrome in the emergency department. **2020**, 9, 23-29	4
755	Temporal changes of noninvasive electrocardiographic risk factors for sudden cardiac death in post-myocardial infarction patients with preserved ejection fraction: Insights from the PRESERVE-EF study. **2020**, 25, e12701	3
754	Impact of stent diameter on outcomes following percutaneous coronary intervention with second-generation drug-eluting stents: Results from a large single-center registry. **2020**, 96, 558-564	2
753	Clinicopathological complexity in the application of the universal definition of myocardial infarction. **2020**, 44, 107153	12
752	Predictive value of high-sensitive cardiac troponin T (cTnT) for adverse cardiac events in patients undergoing primary total knee arthroplasty (TKA). **2020**, 25, 647-651	
751	Timing Strategy of Preoperative Aspirin and Its Impact on Early Outcomes in Patients Undergoing Coronary Artery Bypass Grafting: A Propensity Score Matching Analysis. **2020**, 246, 251-259	3
750	Cardiac troponin I is associated with non-sustained ventricular tachycardia in patients with hypertrophic obstructive cardiomyopathy. **2020**, 35, 876-885	2
749	High-sensitivity-cardiac troponin for accelerated diagnosis of acute myocardial infarction: A systematic review and meta-analysis. **2020**, 38, 1402-1407	9
748	Randomized Comparison of Ridaforolimus-Eluting and Zotarolimus-Eluting Coronary Stents: 2-Year Clinical Outcomes From the BIONICS and NIREUS Trials. **2020**, 13, 86-93	1
747	The Impact of Peripheral Artery Disease in Chronic Total Occlusion Percutaneous Coronary Intervention (Insights From PROGRESS-CTO Registry). **2020**, 71, 274-280	5
746	One-year efficacy and safety of prasugrel and ticagrelor in patients with acute coronary syndromes: Results from a prospective and multicentre ACHILLES registry. **2020**, 86, 1052-1061	4
745	Clinical Impact of Routine Cardiology Consultation Prior to Elective Carotid Endarterectomy in Neurologically Asymptomatic Patients. **2020**, 59, 536-544	2
744	Prevalence and Impact of Nonalcoholic Fatty Liver Disease in Atrial Fibrillation. **2020**, 95, 513-520	5
743	Derivation and validation of the Montreal prehospital ST-elevation myocardial infarction activation rule. **2020**, 59, 10-16	1

742	Diagnostic performance of high sensitivity troponin in non-ST elevation acute coronary syndrome. **2020**, 44, 88-95	
741	Associations of Intraoperative Radial Arterial Systolic, Diastolic, Mean, and Pulse Pressures with Myocardial and Acute Kidney Injury after Noncardiac Surgery: A Retrospective Cohort Analysis. **2020**, 132, 291-306	26
740	Clinical Presentations and Outcomes in Patients Presenting With Acute Cardiac Events and Right Bundle Branch Block. **2020**, 71, 256-262	1
739	Biomarkers in primary prevention : Meaningful diagnosis based on biomarker scores?. **2020**, 45, 10-16	4
738	Comparison of four decision aids for the early diagnosis of acute coronary syndromes in the emergency department. **2020**, 37, 8-13	19
737	Interpreting troponin in renal disease: A narrative review for emergency clinicians. **2020**, 38, 990-997	2
736	Clinical outcomes of complex lesions treated with an abluminal groove-filled biodegradable polymer sirolimus-eluting stent and durable polymer everolimus-eluting stent. **2020**, 96, 1023-1028	2
735	Association of Intraoperative Tidal Volumes and Acute Kidney Injury After Noncardiac Surgery. **2020**, 130, 925-932	2
734	Association of lymphocyte-to-monocyte ratio with the long-term outcome after hospital discharge in patients with ST-elevation myocardial infarction: a retrospective cohort study. **2020**, 31, 248-254	4
733	Improvement of clinical outcome in patients with ST-elevation myocardial infarction between 1999 and 2016 in China: The Prospective, Multicentre Registry MOODY study. **2020**, 50, e13197	4
732	Performance of the ESC 0/1-h and 0/3-h Algorithm for the Rapid Identification of Myocardial Infarction Without ST-Elevation in Patients With Diabetes. **2020**, 43, 460-467	8
731	Hemoglobin levels and coronary heart disease risk by age, race, and sex in the reasons for geographic and racial differences in stroke study (REGARDS). **2020**, 95, 258-266	7
730	Early and long-term clinical outcomes after minimally invasive direct coronary artery bypass grafting versus off-pump coronary surgery via sternotomy in isolated proximal left anterior descending artery disease: A propensity score matching analysis. **2020**, 35, 3412-3419	3
729	Pre-hospital One-Hour Troponin in a Low-Prevalence Population of Acute Coronary Syndrome: OUT-ACS study. **2020**, 7,	3
728	Individualized Efficiency of Traditional Chinese Medicine for Non-ST Segment Elevation Acute Coronary Syndrome: Study Protocol for Observational Research by the Evidence-Based Goal Attainment Scale. **2020**, 2020, 7653040	0
727	Everolimus-eluting bioresorbable scaffolds and metallic stents in diabetic patients: a patient-level pooled analysis of the prospective ABSORB DM Benelux Study, TWENTE and DUTCH PEERS. **2020**, 19, 165	
726	Clinical outcomes following polymer-free sirolimus-eluting stent implantations in unselected patients: A descriptive subgroup analysis in patients with renal impairment. **2020**, 99, e21244	1
725	Long-term efficacy and safety of drug-coated balloons versus drug-eluting stents for small coronary artery disease (BASKET-SMALL 2): 3-year follow-up of a randomised, non-inferiority trial. **2020**, 396, 1504-1510	27

706   Ideal high sensitivity troponin baseline cutoff for patients with renal dysfunction. **2021**, 46, 170-175   2

705   Electrocardiographic voltage criteria in patients with hypertrophic cardiomyopathy. **2020**, 21, 696-703   1

704   Prognostic utility of triglyceride-rich lipoprotein-related markers in patients with coronary artery disease. **2020**, 61, 1254-1262   8

703   Rationale and design of the MULTISTARS AMI Trial: A randomized comparison of immediate versus staged complete revascularization in patients with ST-segment elevation myocardial infarction and multivessel disease. **2020**, 228, 98-108   4

702   Impact of peripheral artery disease on prognosis after myocardial infarction: The J-MINUET study. **2020**, 76, 402-406   1

701   What Is the Efficacy of the European Society of Cardiology 0/1-Hour Algorithm for Diagnosing Acute Myocardial Infarction?. **2020**, 76, 580-582

700   Extended antiplatelet therapy with clopidogrel alone versus clopidogrel plus aspirin after completion of 9- to 12-month dual antiplatelet therapy for acute coronary syndrome patients with both high bleeding and ischemic risk. Rationale and design of the OPT-BIRISK double-blinded, placebo-controlled randomized trial. **2020**, 228, 1-7   3

699   Efficacy and safety of traditional Chinese medicine injections in the treatment of acute myocardial infarction: A protocol for systematic review and network meta-analysis. **2020**, 99, e21590   1

698   Implementing a pharmacogenetic-driven algorithm to guide dual antiplatelet therapy (DAPT) in Caribbean Hispanics: protocol for a non-randomised clinical trial. **2020**, 10, e038936   2

697   Clinical outcome of new-onset atrial fibrillation after emergency percutaneous coronary intervention for myocardial infarction. **2021**, 45, 162-168

696   Role of a cardio-renal multi-disciplinary team meeting in managing cardiovascular risk in patients on kidney transplant waitlists. **2020**, 34, e14061   2

695   Ridaforolimus eluting stent for the treatment of Japanese patients with coronary disease: 1ʹyear outcomes of the JNIR study. **2021**, 36, 273-280

694   Molecularly imprinted polymer based electrochemical biosensors: Overcoming the challenges of detecting vital biomarkers and speeding up diagnosis. **2020**, 2, 100018   40

693   Role of the Fatty Acid Binding Proteins in Cardiovascular Diseases: A Systematic Review. **2020**, 9,   10

692   Updates in the Definition, Diagnostic Work Up, and Therapeutic Strategies for MINOCA. **2020**, 22, 1   1

691   Intermediate procedural and health status outcomes and the clinical care pathways after chronic total occlusion angioplasty: A report from the OPEN-CTO (outcomes, patient health status, and efficiency in chronic total occlusion hybrid procedures) study. **2021**, 98, 626-635   5

690   One-year clinical outcomes in patients with chronic kidney disease treated with COMBO stents: From the COMBO collaboration. **2020**,

689   99th Percentile Upper-Reference Limit of Cardiac Troponin and the Diagnosis of Acute Myocardial Infarction. **2020**, 66, 1167-1180   6

688   Early predictors of in-hospital mortality in patients with COVID-19 in a large American cohort. **2020**, 15, 1485-1499   44

687   Implications of Alternative Definitions of Peri-Procedural Myocardial Infarction After Coronary Revascularization. *Journal of the American College of Cardiology*, **2020**, 76, 1609-1621   15.1   26

686   Clinical implication of neointimal burden in in-stent restenosis treated with drug-coated balloon. **2021**, 98, 493-502

685   Presepsin for pre-operative prediction of major adverse cardiovascular events in coronary heart disease patients undergoing noncardiac surgery: Post hoc analysis of the Leukocytes and Cardiovascular Peri-operative Events-2 (LeukoCAPE-2) Study. **2020**, 37, 908-919   1

684   Benefits of Home-Based Solutions for Diagnosis and Treatment of Acute Coronary Syndromes on Health Care Costs: A Systematic Review. **2020**, 20,   1

683   Roles of Reactive Oxygen Species in Cardiac Differentiation, Reprogramming, and Regenerative Therapies. **2020**, 2020, 2102841   9

682   Ischemic Electrocardiographic Changes and Correlation with Regions of the Myocardium. **2020**, 37-51

681   Bivalirudin versus unfractionated heparin during percutaneous coronary intervention in high-bleeding-risk patients with acute coronary syndrome in contemporary practice. **2020**, 130, 110758   0

680   Early Troponin I Levels in Newborns Undergoing Therapeutic Hypothermia for Hypoxic Ischemic Encephalopathy and Residual Encephalopathy at Discharge. **2020**,   2

679   Effects of individualized antiplatelet therapy, based on CYP2C19 genotyping, on platelet function in patients underwent percutaneous coronary intervention. **2020**, 267659120978584   4

678   Impact of Diabetes Mellitus on Antithrombotic Management Patterns and Long-Term Clinical Outcomes in Patients With Acute Coronary Syndrome: Insights From the EPICOR Asia Study. **2020**, 9, e013476   3

677   Blunting periprocedural myocardial necrosis: Rationale and design of the randomized ALPHEUS study. **2020**, 225, 27-37   4

676   Apolipoprotein B/A-I Ratio Predicts Lesion Severity and Clinical Outcomes in Diabetic Patients With Acute Coronary Syndrome. **2020**, 84, 1132-1139   3

675   Admission During Off-Hours Does Not Affect Long-Term Clinical Outcomes of Japanese Patients with Acute Myocardial Infarction. **2020**, 61, 215-222   3

674   Diabetes Is Associated With Worse Long-term Outcomes in Young Adults After Myocardial Infarction: The Partners YOUNG-MI Registry. **2020**, 43, 1843-1850   15

673   Effect of exercise-based cardiac rehabilitation on clinical outcomes in patients with myocardial infarction in the absence of obstructive coronary artery disease (MINOCA). **2020**, 315, 9-14   8

672   Periodontal therapy and cardiovascular risk. **2020**, 83, 107-124   27

671   Dual Antiplatelet Therapy Duration in Medically Managed Acute Coronary Syndrome Patients: Sub-Analysis of the OPT-CAD Study. **2020**, 37, 3150-3161   0

670	1-Year Outcomes with COMBO Stents in Small-Vessel Coronary Disease: Subgroup Analysis From the COMBO Collaboration. **2020**, 21, 1542-1547	2
669	Value of Repeated Troponin Measurements to Improve the Safety of the HEART Score for Chest Pain Patients at the Emergency Department. **2020**, 19, 62-68	1
668	Analytical and clinical characterization of a novel high-sensitivity cardiac troponin assay in a United States population. **2020**, 83, 28-36	4
667	Sex-Based Outcomes in Patients With a High Bleeding Risk After Percutaneous Coronary Intervention and 1-Month Dual Antiplatelet Therapy: A Secondary Analysis of the LEADERS FREE Randomized Clinical Trial. **2020**, 5, 939-947	10
666	Association between Tpeak-Tend/QT and major adverse cardiovascular events in patients with Takotsubo syndrome. **2021**, 76, 732-738	1
665	Prognostic impact of the presence of on-duty cardiologist on patients with acute myocardial infarction admitted during off-hours. **2020**, 76, 184-190	6
664	Non-obstructive high-risk plaques increase the risk of future culprit lesions comparable to obstructive plaques without high-risk features: the ICONIC study. **2020**, 21, 973-980	13
663	The Diagnostic Process for the Evaluation of Acute Abdominal Pain by Resident Trainees in Japan: A Cross-sectional Study. **2020**, 59, 1257-1265	1
662	Periprocedural Myocardial Injury: Pathophysiology, Prognosis, and Prevention. **2020**, 21, 1041-1052	1
661	Identification of Post-myocardial Infarction Blood Expression Signatures Using Multiple Feature Selection Strategies. **2020**, 11, 483	3
660	Intravascular Healing Is Not Affected by Approaches in Contemporary CTO PCI: The CONSISTENT CTO Study. **2020**, 13, 1448-1457	18
659	Determinants of insufficient improvement in fractional flow reserve following percutaneous coronary intervention. **2020**, 35, 1650-1656	2
658	Strategies to Modulate MicroRNA Functions for the Treatment of Cancer or Organ Injury. **2020**, 72, 639-667	23
657	COMPASS criteria applied to a contemporary cohort of unselected patients with stable coronary artery diseases: insights from the START registry. **2021**, 7, 513-520	2
656	Genotype-guided antiplatelet therapy compared with standard therapy for patients with acute coronary syndromes or undergoing percutaneous coronary intervention: A systematic review and meta-analysis. **2020**, 193, 130-138	2
655	"Takotsubo effect" in patients with ST segment elevation myocardial infarction. **2020**, 9, 711-720	3
654	Association between anxiety and clinical outcomes in Chinese patients with myocardial infarction in the absence of obstructive coronary artery disease. **2020**, 43, 659-665	4
653	Comparison of the prognosis for different onset stage of cardiogenic shock secondary to ST-segment elevation myocardial infarction. **2020**, 20, 302	0

652	Long-term clinical effects of recanalization of chronic coronary total occlusions in patients with left ventricular systolic dysfunction. **2020**, 96, 831-838	2
651	Impact of Overweight/Obesity on Clinical Outcomes of Patient with Vasospastic Angina: From the Vasospastic Angina in Korea Registry. **2020**, 10, 4954	2
650	Initial Invasive or Conservative Strategy for Stable Coronary Disease. **2020**, 382, 1395-1407	642
649	Impact of insulin treated and non-insulin-treated diabetes compared to patients without diabetes on 1-year outcomes following contemporary PCI. **2020**, 96, 298-308	7
648	The Effects of Clinical Pharmacist Education on Lifestyle Modifications of Postmyocardial Infarction Patients in South India: A Prospective Interventional Study. **2020**, 92, 100577	1
647	Silence of miR-32-5p promotes endothelial cell viability by targeting KLF2 and serves as a diagnostic biomarker of acute myocardial infarction. **2020**, 15, 19	13
646	Ticagrelor Versus Clopidogrel in Patients with Two CYP2C19 Loss-of-Function Alleles Undergoing Percutaneous Coronary Intervention. **2020**, 34, 179-188	4
645	Single test rule-out of acute myocardial infarction using the limit of detection of a new high-sensitivity troponin I assay. **2020**, 78, 4-9	8
644	Association of Smoking Cessation and Survival Among Young Adults With Myocardial Infarction in the Partners YOUNG-MI Registry. **2020**, 3, e209649	15
643	Prospective comparative evaluation of the European Society of Cardiology (ESC) 1-hour and a 2-hour rapid diagnostic algorithm for myocardial infarction using high-sensitivity troponin-T. **2020**, 22, 712-720	3
642	Aortic Valve Replacement for Aortic Stenosis in Low-, Intermediate-, and High-Risk Patients: Preliminary Results From a Prospective Multicenter Registry. **2020**, 34, 2091-2099	2
641	Significance of plasma free fatty acid level for assessing and diagnosing acute myocardial infarction. **2020**, 14, 739-747	2
640	Can Clinical and Functional Outcomes Be Improved with an Intelligent "Internet Plus"-Based Full Disease Cycle Remote Ischemic Conditioning Program in Acute ST-elevation Myocardial Infarction Patients Undergoing Percutaneous Coronary Intervention? Rationale and Design of the i-RIC Trial. **2020**, 1	4
639	Carbohydrate antigen 125 for mortality risk prediction following acute myocardial infarction. **2020**, 10, 11016	4
638	A Score to differentiate Takotsubo syndrome from non-ST-elevation myocardial nfarction in women at the bedside. **2020**, 7, e001197	1
637	Exploring the complex interactions of baseline patient factors to improve nursing triage of acute coronary syndrome. **2020**, 43, 356-364	1
636	The role of the interleukin-23/Th17 pathway in cardiometabolic comorbidity associated with psoriasis. **2020**, 34, 1695-1706	29
635	Current Use and Trends in Unprotected Left Main Coronary Artery Percutaneous Intervention. **2020**, 22, 16	3

634 Evaluation of the Relationship between Early Troponin Clearance and Short-Term Mortality in Patients with Chronic Renal Failure. **2020**, 2020, 6328037

633 Unrestricted use of polymer-free sirolimus eluting stents in routine clinical practice. **2020**, 99, e19119 — 2

632 High level of circulating microRNA-142 is associated with acute myocardial infarction and reduced survival. **2020**, 189, 933-937 — 3

631 Patients with acute and chronic coronary syndromes have elevated long-term thrombin generation. **2020**, 50, 421-429 — 0

630 Retrograde Chronic Total Occlusion Percutaneous Coronary Intervention via Saphenous Vein Graft. **2020**, 13, 517-526 — 12

629 1-year results after PCI with the COMBO stent in all-comers in Asia versus Europe: Geographical insights from the COMBO collaboration. **2020**, 307, 17-23 — 1

628 Cardiovascular Mortality After Type 1 and Type 2 Myocardial Infarction in Young Adults. *Journal of the American College of Cardiology*, **2020**, 75, 1003-1013 — 15.1 — 23

627 Polymer-based or Polymer-free Stents in Patients at High Bleeding Risk. **2020**, 382, 1208-1218 — 112

626 Guideline adherence and long-term clinical outcomes in patients with acute myocardial infarction: a Japanese Registry of Acute Myocardial Infarction Diagnosed by Universal Definition (J-MINUET) substudy. **2020**, 9, 939-947 — 2

625 Prognostic role of bronchial asthma in patients with heart failure. **2020**, 35, 808-816 — 1

624 Immediate vs Delayed Stenting in ST-Elevation Myocardial Infarction: Rationale and Design of the International PRIMACY Bayesian Randomized Controlled Trial. **2020**, 36, 1805-1814 — 3

623 One-year clinical results of the NANO registry: A multicenter, prospective all-comers registry study in patients receiving implantation of a polymer-free sirolimus-eluting stent. **2020**, 95 Suppl 1, 658-664 — 6

622 Prognostic value of the GRACE discharge score for predicting the mortality of patients with stable coronary artery disease who underwent percutaneous coronary intervention. **2020**, 95 Suppl 1, 550-557 — 0

621 Rapamycin-Preactivated Autophagy Enhances Survival and Differentiation of Mesenchymal Stem Cells After Transplantation into Infarcted Myocardium. **2020**, 16, 344-356 — 10

620 OPtical frequency domain imaging vs. INtravascular ultrasound in percutaneous coronary InterventiON in patients with Acute Coronary Syndrome: Study protocol for a randomized controlled trial. **2020**, 76, 317-321 — 3

619 1-Year Clinical Outcomes of All Comers Treated With 2 Bioresorbable Polymer-Coated Sirolimus-Eluting Stents: Propensity Score-Matched Comparison of the COMBO and Ultrathin-Strut Orsiro Stents. **2020**, 13, 820-830 — 6

618 Predictors of contrast-induced acute kidney injury in patients with coronary artery disease receiving contrast agents twice within 30 days. **2020**, 7, 14 — 2

617 Systematic Scoring Balloon Lesion Preparation for Drug-Coated Balloon Angioplasty in Clinical Routine: Results of the PASSWORD Observational Study. **2020**, 37, 2210-2223 — 7

| 616 | Ticagrelor With or Without Aspirin in High-Risk Patients With Diabetes Mellitus Undergoing Percutaneous Coronary Intervention. *Journal of the American College of Cardiology*, **2020**, 75, 2403-2413[15.1] | 34 |

| 615 | Ticagrelor With or Without Aspirin After Complex PCI. *Journal of the American College of Cardiology* , **2020**, 75, 2414-2424 | [15.1] | 58 |

| 614 | Evaluation of Spodick's Sign and Other Electrocardiographic Findings as Indicators of STEMI and Pericarditis. **2020**, 58, 562-569 | 5 |

| 613 | Clopidogrel versus ticagrelor or prasugrel in patients aged 70 years or older with non-ST-elevation acute coronary syndrome (POPular AGE): the randomised, open-label, non-inferiority trial. **2020**, 395, 1374-1381 | 108 |

| 612 | Biologics May Prevent Cardiovascular Events in Rheumatoid Arthritis by Inhibiting Coronary Plaque Formation and Stabilizing High-Risk Lesions. **2020**, 72, 1467-1475 | 19 |

| 611 | Outcomes of Patients With Coronary Arterial Bifurcation Narrowings Undergoing Provisional 1-Stent Treatment (from the BIONICS Trial). **2020**, 126, 8-15 | |

| 610 | Considerations for an optimal definition of procedural myocardial infarction. **2020**, 41, 1704-1705 | 5 |

| 609 | A new simplified technique for artificial chordae implantation in mitral valve repair with its early results. **2020**, 12, 724-732 | 1 |

| 608 | Impact of frailty on outcomes in elderly patients with acute myocardial infarction who undergo percutaneous coronary intervention. **2021**, 7, 189-197 | 6 |

| 607 | Safety and efficacy of the bioabsorbable polymer everolimus-eluting stent versus durable polymer drug-eluting stents in high-risk patients undergoing PCI: TWILIGHT-SYNERGY. **2021**, 97, 63-71 | 2 |

| 606 | Sex differences in 1-year clinical outcomes after percutaneous coronary intervention with COMBO stents: From the COMBO collaboration. **2021**, 97, 797-804 | 2 |

| 605 | Loading doses of ticagrelor versus clopidogrel in preventing periprocedural myocardial infarction in Asian patients with acute coronary syndrome. **2021**, 36, 122-129 | 0 |

| 604 | Association of Midlife Status With Response to a Positive Psychology Intervention in Patients With Acute Coronary Syndrome. **2021**, 62, 220-227 | 2 |

| 603 | miR-19a/19b improves the therapeutic potential of mesenchymal stem cells in a mouse model of myocardial infarction. **2021**, 28, 29-37 | 6 |

| 602 | Myocardial extracellular volume fraction radiomics analysis for differentiation of reversible versus irreversible myocardial damage and prediction of left ventricular adverse remodeling after ST-elevation myocardial infarction. **2021**, 31, 504-514 | 4 |

| 601 | A prospective cohort study of acute kidney injury and kidney outcomes, cardiovascular events, and death. **2021**, 99, 456-465 | 19 |

| 600 | Injectable collagen scaffold promotes swine myocardial infarction recovery by long-term local retention of transplanted human umbilical cord mesenchymal stem cells. **2021**, 64, 269-281 | 8 |

| 599 | Atrial fibrillation pattern, left atrial diameter and risk of cardiovascular events and mortality. A prospective multicenter cohort study. **2021**, 75, e13771 | 3 |

598   Association between self-reported functional capacity and major adverse cardiac events in patients at elevated risk undergoing noncardiac surgery: a prospective diagnostic cohort study. **2021**, 126, 102-110   5

597   MD1 Depletion Predisposes to Ventricular Arrhythmias in the Setting of Myocardial Infarction. **2021**, 30, 869-881   3

596   Type 2 Myocardial Infarction: Evolving Approaches to Diagnosis and Risk-Stratification. **2021**, 67, 61-69   8

595   Impact of Coronary Stent Architecture on Clinical Outcomes: Do Minor Changes in Stent Architecture Really Matter?. **2021**, 10, 175-187

594   Long-Term Risk of Major Adverse Cardiac Events in Atrial Fibrillation Patients on Direct Oral Anticoagulants. **2021**, 96, 658-665   10

593   Prognostic importance of coincidental coronary artery calcification on FDG-PET/CT oncology studies. **2021**, 37, 1479-1488

592   Cardiac outcomes in patients with acute coronary syndrome attributable to calcified nodule. **2021**, 318, 70-75   5

591   Recurrent versus new-onset depressive symptoms: Relationships with biomarkers of cardiovascular health following acute coronary syndrome. **2021**, 140, 110291   0

590   Management of suspected intraoperative myocardial ischemia. **2021**, 59, 53-60

589   Phase 1b Study to Evaluate Safety, Tolerability, and Maximum Tolerated Dose of PF-05230907 for Intracerebral Hemorrhage. **2021**, 52, 294-298   2

588   A prospective study of waist circumference trajectories and incident cardiovascular disease in China: the Kailuan Cohort Study. **2021**, 113, 338-347   6

587   Cardiac MRI in Patients with Acute Chest Pain. **2021**, 41, 8-31   2

586   A sex paradox in clinical outcomes following complex percutaneous coronary intervention. **2021**, 329, 67-73   4

585   Impact of prior trauma exposure on the development of PTSD symptoms after suspected acute coronary syndrome. **2021**, 68, 7-11   1

584   Beta-2-glycoprotein-I IgA antibodies predict coronary plaque progression in rheumatoid arthritis. **2021**, 51, 20-27   2

583   Can Glypican-6 Level Predict Ejection Fraction Decline After Myocardial Infarction?. **2021**, 72, 582-588   2

582   Clinical characteristics and in-hospital outcomes in patients aged 80 years or over with cardiac troponin-positive acute myocardial infarction -J-MINUET study. **2021**, 77, 139-146   2

581   Diagnostic accuracy of the magnetocardiograph for patients with suspected acute coronary syndrome. **2021**, 38, 47-52   1

562	Methodology to Evaluate Clinical Impact of 0/3 Hour High-Sensitivity Cardiac Troponin T Protocol on Managing Acute Coronary Syndrome in Daily Emergency Department Practice. **2021**, 52, 452-459	
561	An Unusual Case of ST Elevation Myocardial Infarction in Angiographically Non-Obstructed Coronary Arteries. **2021**, 13, e12657	
560	Raccomandazioni del GdS MM SIPMeL per l'uso dei biomarcatori cardiaci nella diagnostica di NSTEMI. Parte prima: cosa dicono le linee guida. **2021**, 16,	0
559	Raccomandazioni del GdS MM SIPMeL per l'uso dei marcatori miocardiaci nella diagnostica di NSTEMI. Parte terza: prognosi e stratificazione del rischio. **2021**, 16,	0
558	Risk of malignancy long after acute coronary syndrome in selected urban and rural areas and comparison with smoking risk: the ABC-7* study on Heart Disease. **2021**, 7, 9	1
557	Etomidate propofol in coronary heart disease patients undergoing major noncardiac surgery: A randomized clinical trial. **2021**, 9, 1293-1303	1
556	Prognostic Value of the Nutritional Risk Screening 2002 Scale in Patients With Acute Myocardial Infarction: Insights From the Retrospective Multicenter Study for Early Evaluation of Acute Chest Pain. **2021**, 36, 546-555	1
555	Evaluation of HEAR score to rule-out major adverse cardiac events without troponin test in patients presenting to the emergency department with chest pain. **2021**, 28, 292-298	0
554	Myocardial Infarction with Non Obstructive Coronary Atherosclerosis: A Case Report. **2021**, 2, 64-67	
553	A prospective, multicentre, randomised, open-label trial to compare the efficacy and safety of clopidogrel versus ticagrelor in stabilised patients with acute myocardial infarction after percutaneous coronary intervention: rationale and design of the TALOS-AMI trial. **2021**, 16, 1170-1176	5
552	Effectiveness of Modified HEART Score in Predicting Major Adverse Cardiac Events. **2021**, 53, 57-61	0
551	Relationship between coronary hyper-intensive plaques identified by cardiovascular magnetic resonance and clinical severity of acute coronary syndrome. **2021**, 23, 12	0
550	Predictive Value of Sirtuins in Acute Myocardial Infarction - Bridging the Bench to the Clinical Practice. **2021**, 27, 206-216	0
549	Chronic total occlusion percutaneous coronary intervention in octogenarians and nonagenarians. **2021**, 69, 1560-1569	1
548	Raccomandazioni del GdS MM SIPMeL per l'uso dei biomarcatori cardiaci in NSTEMI. Parte seconda: evidenze nella diagnosi. **2021**, 16,	0
547	Comparison of a single high-sensitivity cardiac troponin T measurement with the HEART score for rapid rule-out of acute myocardial infarction in a primary care emergency setting: a cohort study. **2021**, 11, e046024	1
546	Age and Origin of the Founder Antithrombin Budapest 3 (p.Leu131Phe) Mutation; Its High Prevalence in the Roma Population and Its Association With Cardiovascular Diseases. **2020**, 7, 617711	4
545	A Simple Nomogram to Predict Contrast-Induced Acute Kidney Injury in Patients with Congestive Heart Failure Undergoing Coronary Angiography. **2021**, 2021, 9614953	

544	Association of inflammatory disease and long-term outcomes among young adults with myocardial infarction: the Mass General Brigham YOUNG-MI Registry. **2021**,	2
543	Effect of Ketamine on Cardiovascular Function During Procedural Sedation of Adults. **2021**, 13, e14228	0
542	Management quality indicators and in-hospital mortality among acute coronary syndrome patients admitted to tertiary hospitals in Ethiopia: prospective observational study. **2021**, 21, 41	2
541	Interleukin 1ß: a comprehensive review on the role of IL-1ß in the pathogenesis and treatment of autoimmune and inflammatory diseases. **2021**, 20, 102763	44
540	Association with CYP2C19 polymorphisms and Clopidogrel in treatment of elderly stroke patients. **2021**, 21, 104	0
539	A Non-inferiority, Randomized Clinical Trial Comparing Paclitaxel-Coated Balloon Versus New-Generation Drug-Eluting Stents on Angiographic Outcomes for Coronary De Novo Lesions. **2021**, 1	2
538	Feasibility and beneficial effects of an early goal directed therapy after cardiac arrest: evaluation by conductance method. **2021**, 11, 5326	
537	Ramipril and Cardiovascular Outcomes in Patients on Maintenance Hemodialysis: The ARCADIA Multicenter Randomized Controlled Trial. **2021**, 16, 575-587	0
536	Co-delivery of curcumin and miRNA-144-3p using heart-targeted extracellular vesicles enhances the therapeutic efficacy for myocardial infarction. **2021**, 331, 62-73	9
535	Detection of Myocardial Infarction Using ECG and Multi-Scale Feature Concatenate. **2021**, 21,	3
534	Association between in-stent neointimal characteristics and native coronary artery disease progression. **2021**, 16, e0247359	1
533	Comparison of the Efficacy of Danhong Injections at Different Time-points During the Perioperative Period of Acute Myocardial Infarction: A Systematic Review and Meta-analysis of Randomized Controlled Trials. **2021**, 12, 643446	1
532	Exosomes from neuronal stem cells may protect the heart from ischaemia/reperfusion injury via JAK1/2 and gp130. **2021**, 25, 4455-4465	4
531	Characterization of infarcted myocardium by T1-mapping and its association with left ventricular remodeling. **2021**, 137, 109590	1
530	Glycemic Control Status and Long-Term Clinical Outcomes in Diabetic Chronic Total Occlusion Patients: An Observational Study. **2021**, 2021, 5565987	
529	Clinical Value and Time Course of Pericoronary Fat Inflammation in Patients with Angiographically Nonobstructive Coronaries: A Preliminary Report. **2021**, 10,	1
528	Higher Frequency of Undetected Acute Coronary Syndrome in Elderly Patients with Chest Pain Who Visited the Emergency Department: A Large-Cohort Retrospective Study. **2021**, 2021, 6611051	
527	Hemodynamic Forces Regulate Cardiac Regeneration-Responsive Enhancer Activity during Ventricle Regeneration. **2021**, 22,	0

| 526 | Smoking may be more harmful to vasospastic angina patients who take antiplatelet agents due to the interaction: Results of Korean prospective multi-center cohort. **2021**, 16, e0248386 | 0 |

| 525 | Model for End-Stage Liver Disease Score Predicts the Mortality of Patients with Coronary Heart Disease Who Underwent Percutaneous Coronary Intervention. **2021**, 2021, 6401092 | 2 |

| 524 | Soluble Angiotensin-Converting Enzyme 2, Cardiac Biomarkers, Structure, and Function, and Cardiovascular Events (from the Atherosclerosis Risk in Communities Study). **2021**, 146, 15-21 | 5 |

| 523 | Impact of Pre-, Intra-and Post-Operative Parameters on In-Hospital Mortality in Patients Undergoing Emergency Coronary Artery Bypass Grafting: A Scarce Single-Center Experience in Resource-Scare Setting. **2021**, 17, 211-226 | 0 |

| 522 | Efficacy and Safety of Bivalirudin During Percutaneous Coronary Intervention in Chronic Total Occlusion: A Retrospective Study. **2021**, 43, 844-851 | |

| 521 | Islet microangiopathy and augmented β cell loss in Japanese non-obese type 2 diabetes patients who died of acute myocardial infarction. **2021**, 12, 2149 | 1 |

| 520 | Harmonic optical microfiber Bragg grating immunosensor for the accelerative test of cardiac biomarker (cTn-I). **2021**, 179, 113081 | 14 |

| 519 | Ratiometric Fluorescent Lateral Flow Immunoassay for Point-of-Care Testing of Acute Myocardial Infarction. **2021**, 60, 13042-13049 | 38 |

| 518 | Clinical impact of blood pressure variability in patients with COVID-19 and hypertension. **2021**, 26, 348-356 | 4 |

| 517 | Acute myocardial infarction: Circadian, daily, monthly and seasonal patterns of occurrence in diabetics. **2021**, 20, 765-770 | 1 |

| 516 | Ratiometric Fluorescent Lateral Flow Immunoassay for Point-of-Care Testing of Acute Myocardial Infarction. **2021**, 133, 13152-13159 | 1 |

| 515 | Convolutional neural network based automatic screening tool for cardiovascular diseases using different intervals of ECG signals. **2021**, 203, 106035 | 7 |

| 514 | Outcome and Predictors for Mortality in Patients with Cardiogenic Shock: A Dutch Nationwide Registry-Based Study of 75,407 Patients with Acute Coronary Syndrome Treated by PCI. **2021**, 10, | 2 |

| 513 | Long-Term Clinical Impact of Cardiogenic Shock and Heart Failure on Admission for Acute Myocardial Infarction. **2021**, 62, 520-527 | 0 |

| 512 | Cardiovascular implantable electronic devices in hemodialysis patients: an updated review. **2021**, 22, 867-873 | 1 |

| 511 | S100A1 is a sensitive and specific cardiac biomarker for early diagnosis and prognostic assessment of acute myocardial infarction measured by chemiluminescent immunoassay. **2021**, 516, 71-76 | 1 |

| 510 | Impact of renin angiotensin system inhibitor on 3-year clinical outcomes in acute myocardial infarction patients with preserved left ventricular systolic function: a prospective cohort study from Korea Acute Myocardial Infarction Registry (KAMIR). **2021**, 21, 251 | 1 |

| 509 | Safety and efficacy of Everolimus-Eluting bioabsorbable Polymer-Coated stent in patients with long coronary lesions: The EVOLVE 48 study. **2021**, | |

508	Novel Supreme Drug-Eluting Stents With Early Synchronized Antiproliferative Drug Delivery to Inhibit Smooth Muscle Cell Proliferation After Drug-Eluting Stents Implantation in Coronary Artery Disease: Results of the PIONEER III Randomized Clinical Trial. **2021**, 143, 2143-2154	3
507	Randomized Clinical Comparison of the Dual-Therapy CD34 Antibody-Covered Sirolimus-Eluting Combo Stent With the Sirolimus-Eluting Orsiro Stent in Patients Treated With Percutaneous Coronary Intervention: The SORT OUT X Trial. **2021**, 143, 2155-2165	6
506	Post-discharge antithrombotic management and clinical outcomes of patients with new-onset or pre-existing atrial fibrillation and acute coronary syndromes undergoing coronary stenting: Follow-up data of the MATADOR-PCI study. **2021**, 88, 28-34	4
505	The Role of Prediabetes as a Predictive Factor for the Outcomes in Patients with STEMI. Which Is the Right Range of Glycated Hemoglobin to Adopt in This Setting?. **2021**, 11, 5518	0
504	Association of Cardiac Troponin T Concentration on Admission with Prognosis in Critically Ill Patients without Myocardial Infarction: A Cohort Study. **2021**, 14, 2729-2739	1
503	Cnidoscolus Aconitifolius (Mill.) I.M. Johnst.: A Food Proposal Against Thromboembolic Diseases. 1-34	
502	Myocardial Infarction and Evolocumab. **2021**, 6, 1220-1221	1
501	Effect of Exercise-Based Cardiac Rehabilitation on Left Ventricular Function in Asian Patients with Acute Myocardial Infarction after Percutaneous Coronary Intervention: A Meta-Analysis of Randomized Controlled Trials. **2021**, 9,	0
500	In-Stent CTO Percutaneous Coronary Intervention: Individual Patient Data Pooled Analysis of 4 Multicenter Registries. **2021**, 14, 1308-1319	4
499	A Mediterranean lifestyle reduces the risk of cardiovascular disease in the "Seguimiento Universidad de Navarra" (SUN) cohort. **2021**, 31, 1728-1737	2
498	Carefulness is important when analyzing epidemiological data. **2021**, 25, 458-459	
497	Prognostic Implications of Comprehensive Whole Vessel Plaque Quantification Using Coronary Computed Tomography Angiography. **2021**, 1, 37-48	2
496	Toward Development of a Label-Free Detection Technique for Microfluidic Fluorometric Peptide-Based Biosensor Systems. **2021**, 12,	3
495	Long-Term Outcomes Following Myocardial Infarction in Young Adult Survivors of Hodgkin Lymphoma: The YOUNG-MI Registry. **2021**, 3, 319-321	1
494	Randomized Comparison Between Radial and Femoral Large-Bore Access for Complex Percutaneous Coronary Intervention. **2021**, 14, 1293-1303	6
493	Association between Uric Acid and In-Hospital Heart Failure in Patients with Acute Myocardial Infarction Undergoing Percutaneous Coronary Intervention. **2021**, 2021, 7883723	
492	Prevalence and Impact of Metabolic Syndrome on Short-Term Prognosis in Patients with Acute Coronary Syndrome: Prospective Cohort Study. **2021**, 14, 3253-3262	1
491	Fatty acids and evolving roles of their proteins in neurological, cardiovascular disorders and cancers. **2021**, 83, 101116	8

| 490 | Association Between Stress Hyperglycemia Ratio and In-hospital Outcomes in Elderly Patients With Acute Myocardial Infarction. **2021**, 8, 698725 | 4 |

| 489 | Efficient detection of myocardial infarction from single lead ECG signal. **2021**, 68, 102678 | 8 |

| 488 | Inflammation in Remote Myocardium and Left Ventricular Remodeling After Acute Myocardial Infarction: A Pilot Study Using T2 Mapping. **2021**, | 1 |

| 487 | Concerns about the use of digoxin in acute coronary syndromes. **2021**, | 0 |

| 486 | Comparison of apolipoprotein B/A1 ratio, TC/HDL-C, and lipoprotein (a) for predicting outcomes after PCI. **2021**, 16, e0254677 | 0 |

| 485 | Gli algoritmi rapidi per NSTEMI tra necessitˆ cliniche e criticitˆ diagnostiche. **2021**, 17, | 0 |

| 484 | Vessel fractional flow reserve in assessment of non-culprit lesions in ST elevation myocardial infarction. **2021**, 8, | 0 |

| 483 | Drug-Eluting Stents: Their Preventative/Prophylactic Role Against Gemcitabine Induced Acute Coronary Syndrome. **2021**, 13, e16384 | |

| 482 | Is percutaneous coronary intervention safe during uninterrupted direct oral anticoagulant therapy in patients with atrial fibrillation and acute coronary syndromes?. **2021**, 8, | 1 |

| 481 | The impact of statins on coronary atherosclerosis progression and long-term cardiovascular disease risk in rheumatoid arthritis. **2021**, | 0 |

| 480 | Nationwide Trends in Cardiac Risk and Mortality in Patients With Incident Type 2 Diabetes: A ´Danish Cohort Study. **2021**, | 1 |

| 479 | Impact of Diabetes on Outcome With Drug-Coated Balloons Versus Drug-Eluting Stents: The BASKET-SMALL 2 Trial. **2021**, 14, 1789-1798 | 3 |

| 478 | Coronary CT angiography for suspected acute coronary syndrome: sex-associated differences. **2021**, 29, 518-524 | 0 |

| 477 | A Preliminary Study of Short-Term Sexual Function and Satisfaction Among Men Post-Myocardial Infarction. **2021**, 8980101211038085 | |

| 476 | Ticagrelor monotherapy in patients with chronic kidney disease undergoing percutaneous coronary intervention: TWILIGHT-CKD. **2021**, 42, 4683-4693 | 5 |

| 475 | Wavelet-based entropy and complexity to identify cardiac electrical instability in patients post myocardial infarction. **2021**, 69, 102846 | 0 |

| 474 | The Association of 9 Amino Acids With Cardiovascular Events in Finnish Men in a 12-Year Follow-up Study. **2021**, 106, 3448-3454 | 2 |

| 473 | Performance of the academic research consortium high-bleeding risk criteria in patients undergoing PCI for acute myocardial infarction. **2021**, 1 | 3 |

454	MFB-LANN: A lightweight and updatable myocardial infarction diagnosis system based on convolutional neural networks and active learning. **2021**, 210, 106379	2
453	Cardiac MRI to Visualize Myocardial Damage after ST-Segment Elevation Myocardial Infarction: A Review of Its Histologic Validation. **2021**, 301, 4-18	1
452	Brugada Syndrome: Fatal Consequences of a Must-Not-Miss Diagnosis. **2021**, 41, 15-22	0
451	Biomarkers of Diseases: Their Role in Emergency Medicine.	
450	Recent Advances in the Development of Theranostic Nanoparticles for Cardiovascular Diseases. **2021**, 5, 499-514	6
449	Ticagrelor monotherapy in patients at high bleeding risk undergoing percutaneous coronary intervention: TWILIGHT-HBR. **2021**, 42, 4624-4634	6
448	Prognostic Value of Coronary Artery Calcium in a Multi-Ethnic Asian Cohort. **2021**, 5, 63	
447	Arterial Disease Computational Prediction and Health Record Feature Ranking Among Patients Diagnosed With Inflammatory Bowel Disease. **2021**, 1-1	1
446	Comparison of Clinical Characteristics of Acute Myocardial Infarction Between Young (2021, 62, 33-41	2
445	Low miR-19b-1-5p Expression Is Related to Aspirin Resistance and Major Adverse Cardio-Cerebrovascular Events in Patients With Acute Coronary Syndrome. **2021**, 10, e017120	7
444	Pathophysiology of Coronary Artery Disease. **2015**, 29-46	1
443	Cardiac Muscle and the Troponins. **2015**, 179-192	1
442	FABP3 as Biomarker of Heart Pathology. **2015**, 439-454	4
441	Right ventricular function measured by TAPSE in obese subjects at the time of acute myocardial infarction and 2year outcomes. **2017**, 232, 181-185	8
440	Recovery of Left Ventricular Systolic Function and Clinical Outcomes in Young Adults With Myocardial Infarction. *Journal of the American College of Cardiology*, **2020**, 75, 2804-2815	15.1 12
439	Utilidad de la puntuaci PARIS para evaluar el equilibrio isqumico-hemorrgico con ticagrelor y prasugrel tras un sdrome coronario agudo. **2019**, 72, 215-223	4
438	Therapeutic potential of miR-21 regulation by human peripheral blood derived-small extracellular vesicles in myocardial infarction. **2020**, 134, 985-999	3
437	Clinical features, sex differences and outcomes of myocardial infarction with nonobstructive coronary arteries: a registry analysis. **2021**, 32, 10-16	5

418	Bone marrow mesenchymal stem cell-derived vascular endothelial growth factor attenuates cardiac apoptosis via regulation of cardiac miRNA-23a and miRNA-92a in a rat model of myocardial infarction. **2017**, 12, e0179972	28
417	Cholesterol crystal depth in coronary atherosclerotic plaques: A novel index of plaque vulnerability using optical frequency domain imaging. **2017**, 12, e0180303	6
416	Rev-erb agonist improves adverse cardiac remodeling and survival in myocardial infarction through an anti-inflammatory mechanism. **2017**, 12, e0189330	38
415	Noninfiltrating Adenocarcinoma of the Lung Causing ST-Segment Elevation. **2015**, 42, 381-4	3
414	Prevalence and Clinical Significance of Up-Sloping ST-Segment Depression in Patients With Non-ST-Segment Elevation Myocardial Infarction. **2015**, 6, 306-310	8
413	Prevalence and Clinical Implication of Wellens' Sign in Patients With Non-ST-Segment Elevation Myocardial Infarction. **2019**, 10, 135-141	5
412	Does the level of myocardial injury differ in primary angioplasty patients loaded first with clopidogrel and the ones with ticagrelor?. **2020**, 24, 107-112	1
411	Early Phase Arterial Reaction Following Drug-Eluting and Bare-Metal Stent Implantation in Patients With ST-Segment Elevation Myocardial Infarction. **2015**, 56, 389-94	7
410	A Review of Cardiac and Non-Cardiac Causes of Troponin Elevation and Clinical Relevance Part I: Cardiac Causes. **2017**, 10,	1
409	Troponins, Acute Coronary Syndrome and Renal Disease: From Acute Kidney Injury Through End-stage Kidney Disease. **2019**, 14, 187-190	3
408	Ischemic Heart Disease: Cost-Effective Acute Management and Secondary Prevention. **2017**, 135-155	5
407	Percutaneous coronary intervention assisted by invasive mechanical ventilation and intra-aortic balloon pump for acute myocardial infarction with cardiogenic shock: Retrospective cohort study and meta-analyses. **2020**, 20, 514-523	1
406	Troponin Testing in the Emergency Department: Real world experience. **2017**, 17, e398-e403	1
405	STUDY OF VITAMIN D LEVELS IN PATIENTS OF ACUTE MYOCARDIAL INFARCTION. **2018**, 5, 1788-1791	1
404	Thrombin induced platelet-fibrin clot strength in relation to platelet volume indices and inflammatory markers in patients with coronary artery disease. **2017**, 8, 64217-64223	4
403	Age-sex distribution of patients with high-sensitivity troponin T levels below the 99th percentile. **2017**, 8, 75638-75645	3
402	Impact of increased inflammation biomarkers on periprocedural myocardial infarction in patients undergoing elective percutaneous coronary intervention: a cohort study. **2020**, 12, 5398-5410	3
401	Will global transcriptome analysis allow the detection of novel prognostic markers in coronary artery disease and heart failure?. **2013**, 14, 388-96	6

400	Adult Stem Cell Therapy for Cardiac Repair in Patients After Acute Myocardial Infarction Leading to Ischemic Heart Failure: An Overview of Evidence from the Recent Clinical Trials. **2017**, 13, 223-231	23
399	Clinical use of cardiac troponin for acute cardiac care and emerging opportunities in the outpatient setting. **2019**, 110, 139-156	4
398	Gender differences in clinical characteristics, medical management, risk factor control, and long-term outcome of patients with stable coronary artery disease: from the CORONOR registry. **2019**, 61, 432-438	2
397	New Imaging-derived Biomarkers Based on Tridimensional CTA/MRI Hybrid Models for Complex Assessment of Myocardial Viability after Myocardial Infarction âthe HYBRIDHEART Study. **2018**, 3, 16-20	2
396	Effect of Remote Ischaemic preconditioning on Clinical outcomes in patients undergoing Coronary Artery bypass graft surgery (ERICCA study): a multicentre double-blind randomised controlled clinical trial. **2016**, 3, 1-58	4
395	Homocysteine induces mitochondrial dysfunction and oxidative stress in myocardial ischemia/reperfusion injury through stimulating ROS production and the ERK1/2 signaling pathway. **2020**, 20, 938-944	8
394	D-dimer/troponin ratio in the differential diagnosis of acute pulmonary embolism from non-ST elevation myocardial infarction. **2019**, 34, 1263-1271	8
393	High-sensitive cardiac troponin T. **2013**, 10, 102-9	43
392	Cutting-balloon angioplasty before drug-eluting stent implantation for the treatment of severely calcified coronary lesions. **2014**, 11, 44-9	21
391	N-terminal pro B type natriuretic peptide in high cardiovascular-risk patients for noncardiac surgery: What is the current prognostic evidence?. **2016**, 19, 314-20	5
390	A synergistic role of ischemia modified albumin and high-sensitivity troponin T in the early diagnosis of acute coronary syndrome. **2015**, 4, 570-5	9
389	Ventricular Arrhythmia-Free Survival Following Therapeutic Hypothermia in Patients with Sudden Cardiac Death Due to Ventricular Tachycardia or Fibrillation. **2017**, 08, 293-305	1
388	Activity Induced by a Naphthalene-Prazosin Derivative on Ischemia/Reperfusion Injury in Rats. **2014**, 05, 1130-1142	3
387	Clinical significance of provoked coronary spasm at chronic stage in patients who underwent successful complete coronary revascularization with first-generation drug-eluting stents. **2013**, 03, 25-32	1
386	Myocardial Infarction: An Overview of STEMI and NSTEMI Physiopathology and Treatment. **2018**, 08, 498-517	3
385	Quantitative angiographic characterisation of coronary artery disease in patients with human immunodeficiency virus (HIV) infection undergoing percutaneous coronary intervention. **2017**, 12, 1757-1765	6
384	Angiographic outcomes of Orsiro biodegradable polymer sirolimus-eluting stents and Resolute Integrity durable polymer zotarolimus-eluting stents: results of the ORIENT trial. **2017**, 12, 1623-1631	18
383	Limitations of OCT in identifying and quantifying lipid components: an in vivo comparison study with IVUS-NIRS. **2017**, 13, 303-311	14

382	A prospective randomised trial comparing the novel ridaforolimus-eluting BioNIR stent to the zotarolimus-eluting Resolute stent: six-month angiographic and one-year clinical results of the NIREUS trial. **2018**, 14, 86-93	9
381	Procedural and one-year outcomes of patients treated with orbital and rotational atherectomy with mechanistic insights from optical coherence tomography. **2019**, 14, 1760-1767	19
380	Incidence of procedural myocardial infarction and cardiac magnetic resonance imaging-detected myocardial injury following percutaneous coronary intervention with rotational atherectomy. **2018**, 14, 819-823	3
379	Culotte stenting for coronary bifurcation lesions with 2nd and 3rd generation everolimus-eluting stents: the CELTIC Bifurcation Study. **2018**, 14, e318-e324	11
378	Facilitated patent haemostasis after transradial catheterisation to reduce radial artery occlusion. **2015**, 11, 765-71	22
377	The role of the emergency services in the optimisation of primary angioplasty: experience from London and the Heart Attack Team. **2013**, 9, 517-23	5
376	Procedural outcomes of patients with calcified lesions treated with bioresorbable vascular scaffolds. **2016**, 11, 1355-62	19
375	Value of the SYNTAX score for periprocedural myocardial infarction according to WHO and the third universal definition of myocardial infarction: insights from the TWENTE trial. **2016**, 12, 431-40	3
374	Diagnostic accuracy of cardiac computed tomography angiography for myocardial infarction. **2013**, 5, 295-303	8
373	BLEED-Myocardial Infarction Score: Predicting mid-term post-discharge bleeding events. **2013**, 5, 196-206	7
372	Jailing polymer jacketed guide-wires during bifurcation coronary interventions is associated with procedural myocardial infarction. **2017**, 9, 442-447	1
371	The assessment of the relationship between variations in the apelin gene and coronary artery disease in Turkish population. **2015**, 15, 716-21	2
370	High sensitive TROponin levels In Patients with Chest pain and kidney disease: A multicenter registry - The TROPIC study. **2017**, 24, 139-150	3
369	Low CPNE3 expression is associated with risk of acute myocardial infarction: A feasible genetic marker of acute myocardial infarction in patients with stable coronary artery disease. **2019**, 26, 186-193	11
368	Prognostic Significance of Troponin Elevation for Long-Term Mortality after Ischemic Stroke. **2017**, 19, 312-322	20
367	Challenges in high-sensitive troponin assay interpretation for intensive therapy. **2019**, 31, 93-105	4
366	Myocardial protection with prophylactic oral metoprolol during coronary artery bypass grafting surgery: evaluation by troponin I. **2013**, 28, 449-54	4
365	Mild Hypothermia May Offer Some Improvement to Patients with MODS after CPB Surgery. **2016**, 31, 246-251	2

364	. **2017**, 109, 1-76	119
363	Long-Term Outcomes in Acute Inferior Myocardial Infarction Patients with Right Ventricular Myocardial Infarction.	
362	Sex difference in the risk factor distributions and outcomes after coronary artery bypass graft surgery in the young population. **2021**,	0
361	Extracorporeal Cardiac Shock Waves Therapy Improves the Function of Endothelial Progenitor Cells After Hypoxia Injury Activating PI3K/Akt/eNOS Signal Pathway. **2021**, 8, 747497	2
360	Sex Differences in Symptom Phenotypes Among Older Patients with Acute Myocardial Infarction. **2021**,	0
359	Long-term effects of the mean hemoglobin A1c levels after percutaneous coronary intervention in patients with diabetes. **2021**, 36, 1365-1376	0
358	Clinical outcomes of ultrathin biodegradable polymer-coated sirolimus-eluting stents in an all-comer population: One-year results from the T-FLEX registry including high-risk subgroups. **2021**, 25, 706-715	0
357	Sexual Function, Anxiety, Depression and Coping After Myocardial Infarction: An Exploratory Study. 1	
356	Assessment of Nonfatal Myocardial Infarction as a Surrogate for All-Cause and Cardiovascular Mortality in Treatment or Prevention of Coronary Artery Disease: A Meta-analysis of Randomized Clinical Trials. **2021**, 181, 1575-1587	3
355	Molecular imaging of myogenic stem/progenitor cells with [F]-FHBG PET/CT system in SCID mice model of post-infarction heart. **2021**, 11, 19825	1
354	Differences in Cancer Death Risk Long After ACS Among Selected Urban and Rural Areas in North Italy: The ABC-7a Study on Heart Disease. **2021**, 11, 731249	
353	Retrospective analysis of renal prognosis in elderly coronary artery disease patients complicated with renal insufficiency. **2021**, 13, 22856-22866	
352	Genetic and epigenetic associations of ANRIL with coronary artery disease and risk factors. **2021**, 14, 240	1
351	Interpretation of Serum Troponin Elevation. **2013**, 24, 224-228	
350	Diabetologie für die Pflege. **2014**, 7-103	
349	FABP3 as Biomarker of Heart Pathology. **2014**, 1-13	
348	"Real life use" of troponin in the emergency department: a survey of over 3000 cases. **2015**, 25, 421-9	2
347	Troponin Elevation Beyond Coronary Arteries. **2015**, 1-22	

346   Change of the definition of acute myocardial infarction: analysis of data from the Japanese Registry of Acute Myocardial Infarction Diagnosed by Universal Definition (J-MINUET).. **2015**, 21, 137-140

345   Acute Coronary Syndromes and Anaesthesia. 15-27

344   A Novel Method in the Stratification of Post-Myocardial-Infarction Patients Based on Pathophysiology. **2015**, 10, e0130158   2

343   No Added Value of Novel Biomarkers in the Diagnostic Assessment of Patients Suspected of Acute Coronary Syndrome. **2015**, 10, e0132000   2

342   Comparative analysis of hybrid myocardial revascularization and multivascular percutaneous coronary interventions in patients with stable coronary artery disease and multivascular coronary disease. 30-day results. **2016**, 9, 17

341   Evaluation of Patients Presenting with Chest Pain in the Emergency Department: Where Do Troponins Fit In?. **2016**, 41-55

340   Very Long-Term Prognostic Role of Admission BNP in Non-ST Segment Elevation Acute Coronary Syndrome. **2016**, 106, 218-25   2

339   High-Acuity Postoperative and Inpatient Issues. **2016**, 371-418

338   Serial High-Sensitivity Troponin T in Post-Primary Angioplasty Exercise Test. **2016**, 106, 304-10   1

337   Cardiac Ischemia, Injury, and Infarction. **2016**, 75-84

336   ECG (12 Lead). **2017**, 77-81

335   The Optimal Cutoff Value of a Diagnostic Test. **2017**, 149-172

334   Conceptual image of heart âⓅpath to patient benefit. **2017**, 294-299

333   The 2017 International Joint Working Group recommendations of the Indian College of Cardiology, the Academic College of Emergency Experts, and INDUSEM on the management of low-risk chest pain in emergency departments across India. **2017**, 10, 74-81

332   Myocardial Infarction. **2017**, 13-18

331   Chest Pain Profiles. **2017**, 187-190

330   Biological Markers in Nursing Research. **2017**, 25, 275-291   0

329   Forensic Assessment of Natural Unexpected Cardiovascular Death. **2017**, 322-339

328 Analysis of 12 Months Clinical Outcomes Associated with Implantation of Ultrathin (60 Ēh) Bare Metal Stent in an Unselected Real-world Population with Coronary Artery Disease. **2017**, 11, OC12-OC16   3

327 Predictive Value of Estimated Glomerular Filtration Rate for the Prognosis of Elderly Patients With Acute Myocardial Infarction. **2017**, 21, 10-16

326 Evaluation of classifier performance for multiclass phenotype discrimination in untargeted metabolomics.

325 Acute Coronary Syndromes. **2017**,

324 Fibromuscular Dysplasia Presenting as Spontaneous Coronary Artery Dissection. **2017**, 9,

323 Wisdom of artificial crowds feature selection in untargeted metabolomics: An application to the development of a blood-based diagnostic test for thrombotic myocardial infarction.

322 Label-free FBG biosensor for diagnosis on acute cardiovascular disease. **2018**,   0

321 The Feature Extraction of ECG Signal in Myocardial Infarction Patients. **2018**, 162-172   1

320 Brain Natriuretic Peptide Levels in Acute Inferior Myocardial Infarction. **2018**, 10, 254-259

319 Non-ST-Segment Elevation Acute Coronary Syndromes (NSTE-ACS). **2018**, 91-106

318 OBSOLETE: Diagnosis of Non ST-Elevation Myocardial infarction (NSTEMI). **2018**,

317 8. Acute Coronary Syndrome: Current Diagnosis and Treatment. **2018**, 107, 527-532

316 STUDY OF EVALUATION OF RISK FACTORS OF ACUTE MYOCARDIAL INFARCTION WITH SPECIAL REFERENCE TO VITAMIN D STATUS- A CASE CONTROL STUDY, DONE AT A TERTIARY CARE HOSPITAL OF TRIPURA. **2018**, 5, 2051-2056

315 The specifics of clotting and endogenic fibrinolysis in acute coronary syndrome patients. **2018**, 12-16   1

314 Long-term prognostic impact of non-invasive follow-up with computed tomography angiography in patients with left main coronary artery stenting. **2018**, 66, 528-535   2

313 Exome sequencing identifies high-impact trait-associated alleles enriched in Finns.   0

312 Timing of Coronary Angiography After Successful Fibrinolytic Therapy in ST-Segment Elevated Myocardial Infarction. **2019**, 10, 34-39   0

311 Angiotensin Receptor Blockers as an Alternative to Angiotensin-Converting Enzyme Inhibitors in Patients with Acute Myocardial Infarction Undergoing Percutaneous Coronary Intervention. **2019**, 34, e289   1

310	Heart and Vascular Disorders: Gender Differences in Acute Coronary Syndrome. **2019**, 167-175	
309	Association of coronary artery disease and peripheral arterial disease in patients undergoing elective open abdominal aortic aneurysm repair. **2019**, 6, 231	
308	In-hospital and one-year outcomes after coronary artery bypass grafting in patients with diffuse coronary artery disease. **2019**, 14, 60	4
307	. **2019**, 59, 10-16	
306	Clinical Profile and Risk Factors Associated with Acute Myocardial Infarction. **2019**, 6, 2881-2885	
305	On recurrent myocardial infarction and reinfarction. **2019**, 1, 6-8	
304	Reciprocal ST segment changes reproduced in burn-induced subepicardial injury model in bullfrog heart. **2020**, 82, 143-147	3
303	Polymer-free drug-coated vs. bare-metal coronary stents in patients undergoing non-cardiac surgery: a subgroup analysis of the LEADERS FREE trial. **2021**, 110, 162-171	0
302	Assessment of Left Atrial Volume Index in the Patients with ACS in Adults. **2020**, 3, 23-26	
301	Comparison of Archival Angiographic Findings in Patients Later Developing Acute Coronary Syndrome or Stable Angina. **2020**, 61, 454-462	
300	Disparities of demographics, clinical characteristics, and hospital outcomes of AMI pilgrims vs non-pilgrims-tertiary center experience. **2020**, 72, 31	
299	ST-Segment Elevation Myocardial Infarction with Normal Coronary Arteries Angiography. **2020**, 11,	
298	Impact of Intravascular Ultrasound on Long-Term Clinical Outcomes in Patients With Acute Myocardial Infarction. **2021**, 14, 2431-2443	9
297	Clinical Outcomes after Percutaneous Coronary Intervention Over Time on the Basis of CYP2C19 Polymorphisms. **2021**,	0
296	Gender Differences in the Impact of New-Onset Atrial Fibrillation on Long-Term Risk of Ischemic Stroke after Acute Myocardial Infarction. **2021**, 10,	0
295	Effect of Implantable Cardioverter-defibrillator Therapy for Ventricular Fibrillation Patients with Out-of-hospital Cardiac Arrest. **2020**, 32, 43-55	
294	Ultrathin (60 m), ultralong (40 mm) sirolimus-eluting stent: study of clinical and safety profiles among real-world patients. **2021**, 25, 111-119	
293	Impact of ultra-long sirolimus-eluting stents on coronary artery lesions: one-year results of real-world FLEX-LONG Study. **2020**, 111, 529-535	0

274	The Fifth-Generation Cardiac Troponin T and Cardiovascular Disease in the Community. *Journal of the American College of Cardiology*, **2021**, 78, 2019-2021	15.1
273	Research Progress of Electrical Stimulation in Ischemic Heart Disease. **2021**, 8, 761877	
272	Fractional Flow Reserve-Guided PCI as Compared with Coronary Bypass Surgery. **2021**,	26
271	Effect of Alirocumab and Rosuvastatin or Rosuvastatin Alone on Lipid Core Plaque in Coronary Artery Disease Seen on Near-Infrared Spectroscopy Intravascular Ultrasound (ANTARES). **2019**, 1, 107-111	1
270	Safety and performance of everolimus-eluting stents comprising of biodegradable polymers with ultrathin stent platforms. **2020**, 111, 315-323	0
269	Neointima characteristics as a prognostic marker for drug-coated balloon angioplasty in patients with in-stent restenosis: an optical coherence tomography study. **2020**, 31, 694-702	1
268	Prognostic Impact of B-Type Natriuretic Peptide on Long-Term Clinical Outcomes in Patients with Non-ST-Segment Elevation Acute Myocardial Infarction Without Creatine Kinase Elevation. **2020**, 61, 888-895	
267	Effect of oxygen supply on mortality in acute ST-elevation myocardial infarction: systematic review and meta-analysis. **2021**, 28, 11-18	
266	Long-Term Safety and Efficacy of Extended Dual Antiplatelet Therapy After Drug-Eluting Stent Implantation in Real-World Practice. **2020**, 84, 2175-2184	2
265	Optimal Strategy for Antiplatelet Therapy After Coronary Drug-Eluting Stent Implantation in High-Risk "TWILIGHT-like" Patients With Diabetes Mellitus. **2020**, 7, 586491	2
264	Clinical risk scores identify more patients at risk for cardiovascular events within 30 days as compared to standard ACS risk criteria: the WESTCOR study. **2021**, 10, 287-301	1
263	Current status of cardiac regenerative medicine; An update on point of view to cell therapy application. **2020**, 12, 256-268	0
262	Avoiding the emergence of contrast-induced acute kidney injury in acute coronary syndrome: routine hydration treatment. **2021**, 32, 397-402	2
261	Measurement of cardiac troponins to detect myocardial infarction using high-sensitivity assays: South African guidelines. **2012**, 23, 531-2	2
260	Long-term clinical outcomes of drug-eluting stents vs. bare-metal stents in Chinese geriatric patients. **2013**, 10, 330-5	2
259	Electrocardiograhic findings resulting in inappropriate cardiac catheterization laboratory activation for ST-segment elevation myocardial infarction. **2014**, 4, 215-23	5
258	Adherence to Mediterranean diet and its relation with cardiovascular diseases in Turkish population. **2015**, 8, 2860-6	6
257	Significantly reduced function of T cells in patients with acute arterial thrombosis. **2015**, 12, 287-93	5

256   Transcatheter aortic valve implantation in very elderly patients: immediate results and medium term follow-up. **2015**, 12, 340-5   4

255   Differential expression of T cell-related genes in AMI and SA stages of coronary artery disease. **2015**, 8, 10875-84   3

254   Short-Term Outcome of Discharged Low-Risk Chest Pain without Provoke Ischemia Study. **2014**, 2, 18-21   1

253   Human recombinant-B-type natriuretic peptide protect ventricular function and structure in ST-elevation myocardial infarction. **2015**, 8, 11622-8   6

252   Prognosis of patients with coronary artery disease treated in different therapy units at department of cardiology: a retrospective cohort study. **2015**, 8, 15657-65   0

251   Comparison of cytokine expressions in acute myocardial infarction and stable angina stages of coronary artery disease. **2015**, 8, 18082-9   6

250   Differential loss of natural killer cell activity in patients with acute myocardial infarction and stable angina pectoris. **2015**, 8, 14667-75   7

249   Therapeutic effect of rotational atherectomy with implantation of drug eluting stent in heavily coronary calcified patients. **2016**, 13, 233-8   3

248   Biochemical Markers of Myocardial Damage. **2016**, 27, 95-111   29

247   High Sensitivity Cardiac Troponin Assays - How to Implement them Successfully. **2016**, 27, 217-23   6

246   Elevated Neutrophil-to-Lymphocyte Ratio Predicts Intermediate-Term Outcomes in Patients Who Have Advanced Chronic Kidney Disease with Peripheral Artery Disease Receiving Percutaneous Transluminal Angioplasty. **2016**, 32, 532-541   11

245   Staged versus "one-time" multivessel intervention in elderly patients with non-ST-elevation acute coronary syndrome. **2016**, 13, 760-767   2

244   Clinical outcomes of elderly South-East Asian patients in primary percutaneous coronary intervention for ST-elevation myocardial infarction. **2016**, 13, 830-835   3

243   The Atrial Fibrillation Therapies after ER visit: Outpatient Care for Patients with Acute AF - The AFTER3 Study. **2015**, 7, 1187   6

242   Everolimus-Eluting Bioresorbable Vascular Scaffold in Real World Practice - A Single Center Experience. **2017**, 33, 250-257   3

241   Admission Value of Serum Cathepsin D Level Can be Useful for Predicting In-Hospital Mortality in Patients with NSTEMI. **2017**, 33, 393-400   3

240   Risk of coronary artery disease in celiac disease population. **2017**, 23, 253-258   5

239   Systemic Inflammatory Response Syndrome is an Independent Predictor of One-Year Mortality in Patients with Acute Myocardial Infarction. **2017**, 33, 477-485   13

| 238 | Retinol palmitate protects against myocardial ischemia/reperfusion injury via reducing oxidative stress and inhibiting apoptosis. **2019**, 11, 1510-1520 | 7 |

| 237 | Clinical significance of diabetes on symptom and patient delay among patients with acute myocardial infarction-an analysis from China Acute Myocardial Infarction (CAMI) registry. **2019**, 16, 395-400 | |

| 236 | Electrocardiographic left ventricular hypertrophy is not associated with increased in-hospital adverse events in patients with first Non-ST segment elevation myocardial infarction: A single center study. **2019**, 10, 289-294 | |

| 235 | Clinical Impact of High-Sensitivity Cardiac Troponin T on the Chronic Phase of Stable Angina after a Successful Initial Percutaneous Coronary Intervention. **2020**, 36, 16-23 | |

| 234 | Switching from Ticagrelor to Clopidogrel in Asian Patients with ST-Elevated Myocardial Infarction - A Time Dependent Analysis Study. **2020**, 36, 8-15 | 1 |

| 233 | Troponins in Heart Failure - a Perpetual Challenge. **2019**, 14, 371-377 | 3 |

| 232 | Atherosclerosis Burden and Therapeutic Challenges Regarding Acute Coronary Syndromes in Chronic Kidney Disease Patients. **2019**, 14, 378-383 | 1 |

| 231 | [Effects of intraoperative graft flow measurements on the early mid-term outcomes after off-pump coronary artery bypass grafting]. **2019**, 51, 851-855 | |

| 230 | Investigation of anemia risk factors and its related outcomes in patients with ST-elevation myocardial infarction. **2020**, 34, 113 | |

| 229 | Admission oxygen saturation and all-cause in-hospital mortality in acute myocardial infarction patients: data from the MIMIC-III database. **2020**, 8, 1371 | 4 |

| 228 | Myocardial Infarction Type 2: Avoiding Pitfalls and Preventing Adverse Outcomes. **2020**, 18, 117-119 | |

| 227 | A substitution mutation in LRP8 gene is significantly associated with susceptibility to familial myocardial infarction. **2020**, 16, 301-305 | |

| 226 | Circadian pattern of symptom onset in patients with ST-segment elevation myocardial infarction in western Iran. **2020**, 16, 284-289 | |

| 225 | Prognostic value of GRACE and CHA2DS2-VASc score among patients with atrial fibrillation undergoing percutaneous coronary intervention. **2021**, 53, 2215-2224 | |

| 224 | ST-segment: The wolf in sheep's clothing on ECG. **2022**, 26, 101225 | |

| 223 | Visceral Adiposity Index Plays an Important Role in Prognostic Prediction in Patients With Non-ST-Segment Elevation Acute Coronary Syndrome and Type 2 Diabetes Mellitus Undergoing Percutaneous Coronary Intervention. **2021**, 8, 735637 | 1 |

| 222 | Real-Life Outcomes of Coronary Bifurcation Stenting in Acute Myocardial Infarction (Zabrze-Opole Registry). **2021**, 8, | 1 |

| 221 | Clinical outcomes in 2481 unselected real-world patients treated with a polymer-free sirolimus-eluting stent: 3´years results from the NANO multicenter Registry. **2021**, 21, 537 | |

202   Differential Prognostic Impact of Off-Hours for Patients With Acute Myocardial Infarction Complicated by Cardiogenic Shock. **2022**, 1, 7

201   Insomnia and Risk of Myocardial Infarction Among People with HIV.. **2022**, 90,   1

200   Prognostic Factors for COVID-19 Hospitalized Patients with Preexisting Type 2 Diabetes.. **2022**, 2022, 9322332   0

199   Proactive Management of Intraoperative Hypotension Reduces Biomarkers of Organ Injury and Oxidative Stress during Elective Non-Cardiac Surgery: A Pilot Randomized Controlled Trial.. **2022**, 11,   1

198   Ticagrelor vs. Clopidogrel in Acute Coronary Syndrome Patients With Chronic Kidney Disease After New-Generation Drug-Eluting Stent Implantation.. **2021**, 8, 707722   0

197   Serum GDF-15 Predicts In-Hospital Mortality and Arrhythmic Risks in Patients With Acute Myocardial Infarction.. **2022**, 28, 10760296211063875   0

196   Human Plasma Metabolomics Identify 9-cis-retinoic Acid and Dehydrophytosphingosine Levels as Novel biomarkers for Early Ventricular Fibrillation after ST-elevated Myocardial Infarction.. **2022**, 13, 3334-3350   1

195   Normalized Subendocardial Myocardial Attenuation on Coronary Computed Tomography Angiography Predicts Postoperative Adverse Cardiovascular Events: Coronary CTA VISION Substudy.. **2022**, 15, e012654

194   Early Detection of Cardiac Damage by Two-Dimensional Speckle Tracking Echocardiography After Thoracic Radiation Therapy: Study Protocol for a Prospective Cohort Study.. **2021**, 8, 735265   0

193   Cardiac biomarkers: definition, detection, diagnostic use, and efficiency. **2022**, 113-130

192   Decreased Iron Ion Concentrations in the Peripheral Blood Correlate with Coronary Atherosclerosis.. **2022**, 14,   3

191   The Design of Multi-target Drugs to Treat Cardiovascular Diseases: Two (or more) Birds on one Stone.. **2022**,   0

190   Dynamic changes in electrocardiographic findings between initial and follow-up electrocardiography: The role of the T/QRS ratio.. **2022**, 54, 8-14   0

189   The design and rationale of the Advancing Cardiac Care Unit-based Rapid Assessment and Treatment of hypErcholesterolemia (ACCURATE) study. **2022**, 13, 100097

188   Short- and Long-Term Outcomes in Patients With Right Ventricular Infarction According to Modalities of Reperfusion Strategies in China: Data From China Acute Myocardial Infarction Registry.. **2022**, 9, 741110   0

187   Thrombosis and Major Bleeding Risk After Primary PCI Among Patients With Multivessel Coronary Artery Disease.. **2021**, 8, 729432

186   Índice de masa corporal y eficacia y seguridad del ticagrelor frente al prasugrel en pacientes con síndrome coronario agudo. **2022**,

185   Clinical Parameters and Metabolomic Biomarkers That Predict Inhospital Outcomes in Patients With ST-Segment Elevated Myocardial Infarctions.. **2021**, 12, 820240   0

184	Long-term clinical impact of low-density lipoprotein cholesterol target attainment according to lesion complexity after percutaneous coronary intervention.. **2022**,	
183	The Impact of Lesion Complexity and the CHA2DS2-VASc Score on Spontaneous Reperfusion in Patients with ST-Segment Elevation Myocardial Infarction. **2022**, 2022, 1-9	0
182	Burden of ischemic heart disease and its attributable risk factors in 204 countries and territories, 1990-2019.. **2021**,	1
181	Risk of coronary artery disease in celiac disease population. **2017**, 23, 253	6
180	Impact of Stress Hyperglycemia on No-Reflow Phenomenon in Patients with ST Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention.. **2022**, 17, 23	0
179	Electroanalytical overview: screen-printed electrochemical sensing platforms for the detection of vital cardiac, cancer and inflammatory biomarkers.	2
178	Expression of Membrane Bound O-Acyltransferase Domain Containing 7 after Myocardial Infarction and its Role in Lipid Metabolism .. **2022**, 19, 609-617	0
177	Long-Term Safety and Efficacy of Prolonged Dual Antiplatelet Therapy according to Baseline Anemia after Percutaneous Coronary Intervention.. **2022**, 63, 211-219	0
176	Optimal Strategy for Multiple Diagnostic Tests. **2022**, 147-172	
175	Drug-coated balloons for small coronary artery disease in patients with chronic kidney disease: a pre-specified analysis of the BASKET-SMALL 2 trial.. **2022**, 1	0
174	Prognostic Value of Normal Thyroid Stimulating Hormone in Long-Term Mortality in Patients With STEMI.. **2022**, 13, 806997	
173	Type 2 MI and Myocardial Injury in the Era of High-sensitivity Troponin.. **2022**, 17, e03	0
172	Effects of bilirubin on perioperative myocardial infarction and its long-term prognosis in patients undergoing percutaneous coronary intervention.. **2022**, 10, 1775-1786	
171	Efficacy of Lower Doses of Pioglitazone after Stroke or Transient Ischemic Attack In Patients with Insulin Resistance.. **2022**,	1
170	The Importance of Cardiac Troponin Metabolism in the Laboratory Diagnosis of Myocardial Infarction (Comprehensive Review).. **2022**, 2022, 6454467	0
169	Prognostic value of the optimal measurement location of on-site CT-derived fractional flow reserve.. **2022**,	0
168	Polymeric nanoparticles in the diagnosis and treatment of myocardial infarction: Challenges and future prospects.. **2022**, 14, 100249	2
167	Predictors of Radial to Femoral Artery Access Crossover During Primary Percutaneous Coronary Intervention for ST-Elevation Myocardial Infarction.. **2022**,	0

| 166 | The Differential Prognostic Impact of Long-Duration Atrial High-Rate Episodes Detected by Cardiac Implantable Electronic Devices between Patients with and without a History of Atrial Fibrillation.. **2022**, 11, | 0 |

| 165 | Double-Blind, Placebo-Controlled Evaluation of Biorest Liposomal Alendronate in Diabetic Patients Undergoing PCI: The BLADE-PCI Trial: The BLADE-PCI Trial.. **2022**, 249, 45-45 | |

| 164 | Metabolic Pathway of Cardiac Troponins and Its Diagnostic Value. Volume 18, 153-180 | |

| 163 | Safety and Efficacy of Ticagrelor Monotherapy According to Drug-Eluting Stent Type: The TWILIGHT-STENT Study. **2021**, | 0 |

| 162 | Circulating long non-coding RNA TTTY15 and HULC serve as potential novel biomarkers for predicting acute myocardial infarction.. **2022**, 22, 86 | 1 |

| 161 | Eversion Carotid Endarterectomy: Cardiac Troponin Assessment. | |

| 160 | Underlying Mechanisms and Related Diseases Behind the Complex Regulatory Role of NOD-Like Receptor X1.. **2022**, | |

| 159 | Development of a Point-of-Care Test Based on Selenium Nanoparticles for Heart-Type Fatty Acid-Binding Proteins in Human Plasma and Blood.. **2022**, 17, 1273-1284 | 1 |

| 158 | Early changes in N-terminal pro-brain natriuretic peptide levels predict new-onset heart failure in patients with STEMI. **2022**, 70, | 0 |

| 157 | Biology of Cardiac Troponins: Emphasis on Metabolism.. **2022**, 11, | 1 |

| 156 | Outcomes of Nonagenarians with Acute Myocardial Infarction with or without Coronary Intervention.. **2022**, 11, | 0 |

| 155 | Deep Learning for Detecting and Locating Myocardial Infarction by Electrocardiogram: A Literature Review.. **2022**, 9, 860032 | 1 |

| 154 | C-Phycocyanin prevents acute myocardial infarction-induced oxidative stress, inflammation and cardiac damage.. **2022**, 60, 755-763 | 2 |

| 153 | Peripheral Serum Exosomes Isolated from Patients with Acute Myocardial Infarction Promote Endothelial Cell Angiogenesis via the miR-126-3p/TSC1/mTORC1/HIF-1⊠ Pathway.. **2022**, 17, 1577-1592 | 1 |

| 152 | Performance of the Novel Observation Group Criteria of the European Society of Cardiology (ESC) 0/1-Hour Algorithm in a Low-Risk Population.. **2022**, 11, e024927 | 0 |

| 151 | High sensitivity cardiac troponin, a cardiac marker predicting death in patients with kidney disease: a dose-response Meta-analysis of cohort studies.. **2022**, | |

| 150 | Timing and Causes of Death in Acute Myocardial Infarction Complicated by Cardiogenic Shock (from the RETROSHOCK Cohort).. **2022**, 25797 | 0 |

| 149 | Comparison of Net Clinical Benefit Between Clopidogrel and Ticagrelor Following Percutaneous Coronary Intervention in Patients in China With Acute Coronary Syndrome.. **2021**, 39, 754 | 0 |

130   Prognostic Value of Plasma Cold-Inducible RNA-Binding Protein in Patients with Acute Coronary Syndrome.. **2022**, 2022, 6119601

129   FFR-guided PCI vs CABG: Analysis of New Data. **2022**,

128   Mid-Term Mortality in Older Anemic Patients with Type 2 Myocardial Infarction: Does Blood Transfusion sImprove Prognosis?. **2022**, 11,   0

127   Practice and Evaluation of a Protocol for Collating Information Related to the Emergency Clinical Pathway for Patients With Acute ST-Segment Elevation Myocardial Infarction.. **2022**, 9, 840715

126   Effect of Early Initiation of Evolocumab on Lipoprotein(a) in Patients with Acute Myocardial Infarction: Sub-Analysis of a Randomized Controlled Trial. **2022**, 9, 153   0

125   Impact of a rapid high-sensitivity troponin pathway on patient flow in an urban emergency department.. **2022**, 3, e12739   1

124   Evaluation the Electrocardiography Changes in Patient with Perforated Peptic Ulcer (PPU) Underwent Surgery in Firouzabadi Hospital. **2021**, 7, 128-134

123   Índice de Inflamaç Imune Sistêmica Preditor de Eventos Cardiovasculares Adversos Maiores em Pacientes com Infarto Agudo do Miocrdio com Supradesnivelamento do Segmento ST. **2022**,

122   Acute effects of high intensity training on cardiac function: a pilot study comparing subjects with type 2 diabetes to healthy controls.. **2022**, 12, 8239   0

121   Reduced Heart Failure and Mortality in Patients Receiving Statin Therapy Before Initial Acute Coronary Syndrome.. *Journal of the American College of Cardiology*, **2022**, 79, 2021-2033   15.1   0

120   Overview of in-hospital outcomes in patients undergoing percutaneous coronary intervention with the revived directional coronary atherectomy.. **2022**,   0

119   Functional comparison of different jailed balloon techniques in treating non-left main coronary bifurcation lesions. **2022**,

118   L-Carnitine Alleviates the Myocardial Infarction and Left Ventricular Remodeling through Bax/Bcl-2 Signal Pathway. **2022**, 2022, 1-10   0

117   Long Term Outcomes of the Coordinate Care Program in Patients after Myocardial Infarction (KOS-MI).

116   Cytoplasmic fatty acid-binding proteins in metabolic diseases and cancers. **2022**,

115   Cardiovascular Biomarkers: Lessons of the Past and Prospects for the Future. **2022**, 23, 5680   3

114   One-Year Ischemic and Bleeding Events According to Renal Function in Patients With Non–ST-Segment Elevation Acute Coronary Syndromes Treated With Percutaneous Coronary Intervention and Third-Generation Antiplatelet Drugs. **2022**,

113   The Effect of Anthropometric Measurements on the Incidence of Atrial Fibrillation in Patients With Acute Myocardial Infarction. **2022**,

94	Identification of blood-based inflammatory biomarkers for the early-stage detection of acute myocardial infarction. **2022**, 11,	3
93	Prognostic value of combined coronary angiography-derived IMR and myocardial perfusion imaging by CZT SPECT in INOCA.	0
92	Relationship of Plaque Features at Coronary CT to Coronary Hemodynamics and Cardiovascular Events.	0
91	Coronary Stenting in Patients With Small Coronary Arteries at High Risk of Bleeding: Onyx ONE Clear. **2022**, 100432	
90	Effect of timing of coronary revascularization in patients with post-infectious myocardial infarction. **2022**, 17, e0272258	
89	A phase 1b/2 clinical study of marstacimab, targeting human tissue factor pathway inhibitor, in haemophilia.	0
88	Cardiovascular and Renal Implications of Myocardial Infarction in the ISCHEMIA-CKD Trial. **2022**, 15,	0
87	A Robustness Evaluation of Machine Learning Algorithms for ECG Myocardial Infarction Detection. **2022**, 11, 4935	
86	Patients With Diabetes at High Bleeding Risk With 1-Month Dual Antiplatelet Therapy: Onyx ONE Clear Results. **2022**, 100441	
85	Clinical Applications of Enzymes. **2023**, 113-128	
84	Classification of cardiac electrical signals between patients with myocardial infarction and normal subjects by using nonlinear dynamics features and different classification models. **2023**, 79, 104105	1
83	Impact of Diabetes Mellitus on One-Year Clinical Outcomes in Patients Anticoagulated with Bivalirudin Undergoing Elective Percutaneous Coronary Intervention. **2022**, 28, 107602962211133	0
82	Significant Impact of Age on Mortality and Non-significant Impact of Age on Thrombosis and Major Bleeding in Patients with COVID-19: From the CLOT-COVID Study. **2022**,	1
81	Acute Coronary Syndrome. **2022**, 117-156	0
80	Kukoamine A activates Akt/GSK-3β signaling pathway to inhibit oxidative stress and relieve myocardial ischemia-reperfusion injury. **2022**, 37,	0
79	Circadian and seasonal variation in onset of acute myocardial infarction. **2022**, 101, e29839	1
78	Mobi-Trans: A Hybrid Network with Attention Mechanism for Myocardial Infarction Localization. **2022**,	0
77	Preoperative Evaluation and Cardiac Risk Assessment in Vascular Surgery. **2022**,	0

76	Effects of DPP4 Inhibitor in Platelet Reactivity and Other Cardiac Risk Markers in Patients with Type 2 Diabetes and Acute Myocardial Infarction. **2022**, 11, 5776	0
75	LASSO Regression-Based Diagnosis of Acute ST-Segment Elevation Myocardial Infarction (STEMI) on Electrocardiogram (ECG). **2022**, 11, 5408	0
74	Impacto clínico de la extensión del miocardio en riesgo en pacientes sometidos a intervención percutánea de la válvula aórtica. **2022**,	0
73	Serum cholesterol loading capacity on macrophages is linked to coronary atherosclerosis and cardiovascular event risk in rheumatoid arthritis. **2022**, 8, e002411	0
72	Association Between Contrast Volume-to-Creatinine Clearance Ratio and the Risk of Perioperative Myocardial Infarction After Elective Percutaneous Coronary Intervention. **2022**, 63, 798-805	0
71	Clopidogrel versus ticagrelor in East Asian patients aged 75 years or older with acute coronary syndrome: observations from the GF-APT registry. **2022**, 33, 1270-1278	0
70	Antithrombotic strategy variability in atrial fibrillation and obstructive coronary disease revascularised with percutaneous coronary intervention: primary results from the AVIATOR 2 international registry. **2022**, 18, e656-e665	0
69	Prediction of disorders with significant coronary lesions using machine learning in patients admitted with chest symptom. **2022**, 17, e0274416	0
68	Impact of intravascular ultrasound in acute myocardial infarction patients at high ischemic risk. **2022**,	0
67	Impact of the risk of malnutrition on bleeding, mortality, and ischemic events in patients with acute myocardial infarction. **2022**,	0
66	Prehospital Comparison of the HEAR and HE-MACS Scores for 30-Day Adverse Cardiac Events. 1-13	0
65	Two uncommon complications of COVID-19 in same patient: MINOCA and pneumothorax. **2022**, 64, 526-529	0
64	Association between Endothelial Cell-Specific Molecule 1 and Galectin-3 in Patients with ST-Segment Elevation Myocardial Infarction: A Pilot Study. **2022**, 2022, 1-6	0
63	Concurrent acute myocardial infarction and acute ischemic stroke: Case reports and literature review. 9,	0
62	Effect of Yoga Based Cardiac Rehabilitation on Blood Pressure Variability and Baroreflex Sensitivity: RCT in Patients Post MI.	0
61	Diagnostic value of end-tidal carbon dioxide in the differential diagnosis of unstable Aangina and non-cardiac chest pain: A prospective case-control study. **2023**, 63, 69-73	0
60	Lymphangiogenesis, a potential treatment target for myocardial injury. **2023**, 145, 104442	0
59	Auto-MyIn: Automatic diagnosis of myocardial infarction via multiple GLCMs, CNNs, and SVMs. **2023**, 80, 104273	2

58	A robust myocardial infarction localization system based on multi-branch residual shrinkage network and active learning with clustering. **2023**, 80, 104238	0
57	Assessment of vasa vasorum on plaque components and no-reflow phenomenon by intravascular ultrasound and iMap analysis.	0
56	Novel grading system for ischemia-reperfusion injury manifestations in patients with acute ST-segment elevation myocardial infarction undergoing percutaneous coronary intervention. **2022**, 12,	0
55	Association Between Bleeding and New Cancer Detection and the Prognosis in Patients With Myocardial Infarction. **2022**, 11,	0
54	Mental health progress requires causal diagnostic nosology and scalable causal discovery. 13,	0
53	A Power-aware ECG Processing Node for Real-time Feature Extraction in WBAN. **2022**, 104724	0
52	Rationale and Design for the Myocardial Ischemia and Transfusion (MINT) Randomized Clinical Trial. **2022**,	0
51	Prevalence, Determinants, and Prognostic Value of Left Atrial Dysfunction in Patients With Chronic Coronary Syndrome and Normal Left Ventricular Ejection Fraction. **2023**, 187, 30-37	1
50	Identification of Coronary Culprit Lesion in ST Elevation Myocardial Infarction by Using Deep Learning. **2023**, 11, 70-79	0
49	Preoperative lymphocyte to C-reactive protein ratio: A new prognostic indicator of post-primary percutaneous coronary intervention in patients with ST-segment elevation myocardial infarction. **2023**, 114, 109594	0
48	ECG criteria to distinguish hypertrophic cardiomyopathy featured with âPseudo-STEMIâfrom acute ST-elevation myocardial infarction. **2023**, 77, 10-16	0
47	A Relaß entre Compartimentos de Volume Extracelular e Matriz Metaloproteinase 2 na Remodelaß do Ventrßulo Esquerdo apß o Infarto do Miocßdio. **2022**, 119, 946-957	0
46	Prognostic implications of elevated pulmonary artery systolic pressure on 6-month mortality in elderly patients with acute myocardial infarction. **2022**, 2, 197-202	0
45	Triple Antiplatelet Therapy with Cilostazol and Favorable Early Clinical Outcomes after Acute Myocardial Infarction Compared to Dual Antiplatelet Therapy with Standard or Potent P2Y12 Inhibitors. **2022**, 11, 6856	0
44	Validity of regional network systems on reperfusion therapy in diabetes mellitus and non-diabetes mellitus patients with ST-segment elevation myocardial infarction. 9,	0
43	Outcomes of Patients Undergoing Closed Traction Coronary Endarterectomy: A Long-Term Single Center Study. **2022**, 11, 7026	1
42	Predicting Acute Myocardial Infarction During Acute Ischemic Stroke. **2022**, 2, 853-855	0
41	Exploring the Potential Mechanism of Danshen in the Treatment of Concurrent Ischemic Heart Disease and Depression Using Network Pharmacology, Molecular Docking, and Molecular Dynamics Simulation. **2022**, 17, 1934578X2211436	0

40	Preoperative antiplatelet therapy may be a risk factor for postoperative ischemic complications in intracranial hemorrhage patients. 1-7	0
39	Machine learning-based prediction of infarct size in patients with ST-segment elevation myocardial infarction: A multi-center study. **2022**,	0
38	Impact of Marital Status on Management and Outcomes of Patients With Acute Myocardial Infarction: Insights From the China Acute Myocardial Infarction Registry. **2022**, 11,	0
37	Effect of body mass index trajectory on lifetime risk of cardiovascular disease in a Chinese population: a cohort study. **2022**,	0
36	Oral Chinese patent medicines for acute myocardial infarction after percutaneous coronary intervention: A protocol for systematic review and network meta-analysis. **2022**, 101, e31927	0
35	Microalbuminuria during acute coronary syndrome: Association with 22-year mortality and causes of death. The ABC-8* study on heart disease. (*ABC is an acronym for Adria, Bassano, Conegliano, and Padova Hospitals). **2022**,	0
34	The outcome of acute occlusion of the abdominal aorta with bilateral limb ischaemia. **2022**, 8, e12440	0
33	Immune checkpoint inhibitors and the risk of major atherosclerotic cardiovascular events in patients with high-risk or advanced melanoma: a retrospective cohort study. **2022**, 8,	0
32	Risk scores for predicting incident heart failure admission in patients with chronic coronary syndromes: validation in a prospective, monocentric, long-term, cohort study.	0
31	Ticagrelor with and without aspirin in patients with a prior coronary artery bypass graft undergoing percutaneous coronary intervention: the TWILIGHT-CABG study. **2022**, 18, e897-e909	0
30	Prediction of intracerebral hemorrhage in patients with out-of-hospital cardiac arrest using post-resuscitation electrocardiogram: An observational cohort study. **2022**, 12, 100337	0
29	Prior Myocardial Infarction and Treatment Effect of Ticagrelor Versus Prasugrel in Patients With Acute Coronary Syndromes - A Post-hoc Analysis of the ISAR-REACT 5 Trial. **2022**, 11,	0
28	5mC modification patterns provide novel direction for early acute myocardial infarction detection and personalized therapy. 9,	0
27	External validation of the SWEDEHEART score for predicting in-hospital major bleeding among East Asian patients with acute myocardial infarction. 9,	0
26	Impacto del uso de ultrasonido intravascular en pacientes con infarto agudo de miocardio y alto riesgo isquémico. **2023**,	0
25	Impact of complex percutaneous coronary intervention features on clinical outcomes in patients with or without chronic kidney disease.	1
24	Lean Six Sigma to reduce the acute myocardial infarction mortality rate: a single center study. **2023**, 35, 25-41	0
23	Estimation of serum uric acid in patients of acute myocardial infarction. **2023**, 16, 111	0

22	Pathological Aspects and Immunohistochemical Evaluation of Troponin C in the Cardiovascular System of Dogs with Pheochromocytoma. **2023**, 100777	0
21	ATP-binding cassette G1 membrane transporter-mediated cholesterol efflux capacity influences coronary atherosclerosis and cardiovascular risk in Rheumatoid Arthritis. **2023**, 136, 103029	0
20	Gestione delle sindromi coronariche acute nelle prime´48´ore. **2023**, 28, 1-14	0
19	Peroxisome proliferator-activated receptor improves the features of atherosclerotic plaque vulnerability by regulating smooth muscle cell phenotypic switching.	0
18	HINT2 deficiency deteriorates oxidative stress in a mouse model of myocardial infarction. **2023**, 10, 1305-1313	0
17	Shorter door-to-balloon time, better long-term clinical outcomes in ST-segment elevation myocardial infarction patients: J-MINUET substudy. **2023**, 81, 564-570	0
16	P2X7 purinergic receptor: A potential target in heart diseases (Review). **2023**, 27,	0
15	Percutaneous Coronary Intervention Offers Clinical Benefits to Diabetic Patients With Stable Chronic Total Occlusion. 000331972311532	0
14	Protein Design Using Physics Informed Neural Networks. **2023**, 13, 457	0
13	Diagnostic and Prognostic Role of Cardiac Magnetic Resonance in MINOCA. **2023**, 16, 376-389	0
12	Circulating tumor necrosis factor-, interleukin-1 and interleukin-17A estimates increased major adverse cardiac event risk in acute myocardial infarction patients. **2023**, 37,	0
11	Impact of Insulin-Treated Compared to Non-Insulin-Treated Diabetes Mellitus on Outcome of Percutaneous Coronary Intervention with Drug-Coated Balloons versus Drug-Eluting Stents in De Novo Coronary Artery Disease: The Randomized BASKET-SMALL 2 Trial. **2023**, 10, 119	0
10	Artificial intelligence for secondary prevention of myocardial infarction: A qualitative study of patient and health professional perspectives. **2023**, 173, 105041	0
9	Association of serum platelet-to-lymphocyte ratio levels with the risk of stent thrombosis and long-term prognosis in patients undergoing percutaneous coronary intervention with and without type 2 diabetes mellitus: a large-scale prospective cohort study.	0
8	The Supreme Biodegradable Polymer DES in Acute and Chronic Coronary Syndromes: A PIONEER III Substudy. **2023**, 100629	0
7	Stage 1 Hypertension and the 10-Year and Lifetime Risk of Cardiovascular Disease: A Prospective Real-World Study. **2023**, 12,	0
6	Association of Accelerometer-Measured Physical Activity and Sedentary Behavior With Incident Cardiovascular Disease, Myocardial Infarction, and Ischemic Stroke: The Women's Health Study. **2023**, 12,	0
5	Risk assessment for major adverse cardiovascular events after noncardiac surgery using self-reported functional capacity: international prospective cohort study. **2023**,	0

4	Tratamiento de los síndromes coronarios agudos en las primeras 48 horas. **2023**, 49, 1-15	0
3	Statin loading before coronary artery bypass grafting: a randomized trial.	0
2	Dapagliflozin reduces risk of heart failure rehospitalization in diabetic acute myocardial infarction patients: a propensity score-matched analysis.	0
1	Role of combined use of mean platelet volume-to-lymphocyte ratio and monocyte to high-density lipoprotein cholesterol ratio in predicting patients with acute myocardial infarction. **2023**, 18,	0