

# CITATION REPORT

List of articles citing

**Intracellular compartmentation of cardiac troponin T and its release kinetics in patients with reperfused and nonreperfused myocardial infarction**

**DOI: 10.1016/0002-9149(91)90466-x**  
**American Journal of Cardiology, 1991, 67, 1360-7.**

**Source:** <https://exaly.com/paper-pdf/22434309/citation-report.pdf>

**Version:** 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 468 | Cardiac troponin T in the diagnosis of myocardial injury. <b>1992</b> , 29, 31-57   |      | 111       |
| 467 | The prognostic value of serum troponin T in unstable angina. <b>1992</b> , 327, 146-50  |      | 820       |
| 466 | Side-branch occlusion during percutaneous transluminal coronary angioplasty. <b>1992</b> , 339, 1380-2  |      | 59        |
| 465 | Biochemical markers of myocardial injury. Is MB creatine kinase the choice for the 1990s?. <i>Circulation</i> , <b>1993</b> , 88, 750-63  | 16.7 | 445       |
| 464 | Usefulness of CKMB and troponin T determinations in patients with acute myocardial infarction complicated by ventricular fibrillation. <b>1993</b> , 16, 23-5   |      | 8         |
| 463 | Cardiac troponin T. <b>1993</b> , 341, 410-1  |      | 26        |
| 462 | Analysis of creatine kinase, CK-MB, myoglobin, and troponin T time-activity curves for early assessment of coronary artery reperfusion after intravenous thrombolysis. <i>Circulation</i> , <b>1993</b> , 87, 1542-50 | 16.7 | 109       |
| 461 | Cardiac troponin-I: a biochemical marker for cardiac cell necrosis. <b>1993</b> , 11, 205-15  |      | 24        |
| 460 | Plasma immunoreactive endothelin in the acute and subacute phases of myocardial infarction in patients undergoing fibrinolysis. <b>1993</b> , 39, 955-959   |      | 33        |
| 459 | Human ventricular myosin light chain isotype 1 as a marker of myocardial injury. <b>1994</b> , 84, 135-44   |      | 14        |
| 458 | Comparable detection of acute myocardial infarction by creatine kinase MB isoenzyme and cardiac troponin I. <b>1994</b> , 40, 1291-1295   |      | 249       |
| 457 | Cardiac troponin-T immunoassay for diagnosis of acute myocardial infarction. <b>1994</b> , 40, 900-907  |      | 154       |
| 456 | Assessment of reperfusion of the infarct zone after acute myocardial infarction by serial cardiac troponin T measurements in serum. <i>Heart</i> , <b>1994</b> , 71, 242-8  | 5.1  | 34        |
| 455 | Does X equal endothelial dysfunction?. <i>Heart</i> , <b>1994</b> , 71, 181-181   | 5.1  |           |
| 454 | Myocardial release of troponin T after coronary bypass surgery. <b>1994</b> , 28, 67-72   |      | 20        |
| 453 | Biochemical markers of myocardial necrosis in acute myocardial infarction and thrombolysis. <b>1994</b> , 69, S59-63  |      | 3         |
| 452 | Troponin T as a marker of ischemic myocardial injury. <b>1994</b> , 27, 113-21  |      | 71        |

|     |  |     |     |
|-----|--|-----|-----|
| 451 | Early assessment of reperfusion therapy using cardiac troponin T. <b>1994</b> , 23, 1382-9   |     | 40  |
| 450 | Effects of repeated ischemia on release kinetics of troponin T, creatine kinase, and lactate dehydrogenase in coronary effluent from isolated rat hearts. <b>1994</b> , 44, 131-5  |     | 14  |
| 449 | Clinical significance of cardiac contractile proteins for the diagnosis of myocardial injury. <b>1994</b> , 31, 63-98  |     | 22  |
| 448 | Early detection of successful coronary reperfusion based on serum myoglobin concentration: comparison with serum creatine kinase isoenzyme MB activity. <b>1994</b> , 128, 641-8   |     | 33  |
| 447 | Cardiac troponin T and CK-MB mass release after visually successful percutaneous transluminal coronary angioplasty in stable angina pectoris. <b>1994</b> , 127, 13-20   |     | 96  |
| 446 | Different time courses of cardiac contractile proteins after acute myocardial infarction. <b>1994</b> , 231, 47-60   |     | 25  |
| 445 | Influence of prophylactic nifedipine on troponin-T levels in cardiac surgery. <b>1994</b> , 8, 166   |     |     |
| 444 | Serum cardio-specific troponin T after open heart surgery in patients with and without perioperative myocardial infarction. <b>1994</b> , 54, 329-35   |     | 16  |
| 443 | Lack of cardioprotective efficacy of allopurinol in coronary artery surgery. <i>Heart</i> , <b>1994</b> , 71, 177-81   | 5.1 | 32  |
| 442 | Troponin T as a marker of perioperative myocardial cell damage. <b>1994</b> , 31, 63-73  |     | 9   |
| 441 | Cardiac troponin T and creatine kinase MB mass concentrations in children receiving anthracycline chemotherapy. <b>1995</b> , 25, 185-9  |     | 54  |
| 440 | Biochemical markers of myocardial damage. <b>1995</b> , 28, 1-29   |     | 130 |
| 439 | Cardiac troponin I increases in parallel to cardiac troponin T, creatine kinase and lactate dehydrogenase in effluents from isolated perfused rat hearts after hypoxia-reoxygenation-induced myocardial injury. <b>1996</b> , 251, 113-7 |     | 25  |
| 438 | Cardiac troponin I in the diagnosis of myocardial injury and infarction. <b>1996</b> , 245, 19-38  |     | 95  |
| 437 | Biochemical markers of myocardial damage for early diagnosis and prognosis in patients with acute coronary syndromes. Minireview based on a doctoral thesis. <b>1996</b> , 101, 193-232  |     | 1   |
| 436 | Creatine kinase-mb fraction and cardiac troponin T to diagnose acute myocardial infarction after cardiopulmonary resuscitation. <b>1996</b> , 28, 1220-5   |     | 46  |
| 435 | Systemic lytic state is not a predictor of coronary reperfusion in acute myocardial infarction. <b>1996</b> , 57, 45-50  |     | 9   |
| 434 | Fluoroenzymometric method to measure cardiac troponin I in sera of patients with myocardial infarction. <b>1996</b> , 42, 1460-1466  |     | 45  |

|     |   |   |     |
|-----|---|---|-----|
| 433 | Are cardiac troponins reliable serodiagnostic markers of cardiac ischaemia in end-stage renal disease?. <b>1996</b> , 11, 941-944   |   | 1   |
| 432 | Cardiac troponin T release into plasma after acute myocardial infarction: only fractional recovery compared with enzymes. <b>1996</b> , 33 ( Pt 4), 314-23                                  |   | 36  |
| 431 | Comparison of troponin-T with other cardiac markers in a VA hospital. <b>1996</b> , 106, 396-401  |   | 5   |
| 430 | Serum cardiac troponin T concentrations in hospitalized patients without acute myocardial infarction. <b>1996</b> , 56, 63-8  |   | 11  |
| 429 | Technical Reports. <b>1996</b> , 34,  |   |     |
| 428 | Pathophysiological analysis of serum troponin T release kinetics in evolving ischemic myocardial injury. <b>1996</b> , 60, 265-76   |   | 19  |
| 427 | Troponin T as a marker for myocardial ischemia in patients undergoing major noncardiac surgery. <i>American Journal of Cardiology</i> , <b>1996</b> , 77, 1031-6                            | 3 | 96  |
| 426 | Release kinetics of serum cardiac troponin I in ischemic myocardial injury. <b>1996</b> , 29, 587-94  |   | 112 |
| 425 | Troponin T release with warm and cold cardioplegia. <b>1996</b> , 11, 377-82  |   | 5   |
| 424 | Are cardiac troponins reliable serodiagnostic markers of cardiac ischaemia in end-stage renal disease?. <b>1996</b> , 11, 941-944   |   | 16  |
| 423 | Troponin T: a diagnostic marker for myocardial infarction and minor cardiac cell damage. <b>1996</b> , 17 Suppl F, 3-8  |   | 44  |
| 422 | Cumulative troponin T release after acute myocardial infarction. Influence of reperfusion. <b>1997</b> , 35, 459-67   |   | 2   |
| 421 | Progress in myocardial damage detection: new biochemical markers for clinicians. <b>1997</b> , 34, 1-66   |   | 101 |
| 420 | An improved rapid troponin T test with a decreased detection limit: a multicentre study of the analytical and clinical performance in suspected myocardial damage. <b>1997</b> , 57, 549-57 |   | 27  |
| 419 | Myoglobin, creatine kinase MB, and cardiac troponin-I to assess reperfusion after thrombolysis for acute myocardial infarction: results from TIMI 10A. <b>1997</b> , 134, 622-30            |   | 37  |
| 418 | Cardiac troponin I and troponin T: are enzymes still relevant as cardiac markers?. <b>1997</b> , 257, 99-115  |   | 83  |
| 417 | Biochemical markers of myocardial injury during cardiac operations. <b>1997</b> , 63, 879-84  |   | 34  |
| 416 | Prognostic value of cardiac troponin T after noncardiac surgery: 6-month follow-up data. <b>1997</b> , 29, 1241-5   |   | 164 |

|     |   |   |     |
|-----|---|---|-----|
| 415 | Can dobutamine echocardiography induce myocardial damage in patients with dysfunctional but viable myocardium supplied by a severely stenotic coronary artery?. <b>1997</b> , 61, 175-81      |   | 5   |
| 414 | Multicenter evaluation of a second-generation assay for cardiac troponin T. <b>1997</b> , 43, 1877-1884   |   | 90  |
| 413 | Troponin, Where Do We Go From Here?. <b>1997</b> , 17, 737-752  |   | 5   |
| 412 | Cardiac troponin I and T alterations in hearts with severe left ventricular remodeling. <b>1997</b> , 43, 990-995   |   | 40  |
| 411 | Differential reactivity of cardiac and skeletal muscle from various species in a cardiac troponin I immunoassay. <b>1997</b> , 43, 2333-2338  |   | 125 |
| 410 | Effects of age and ischemic times on biochemical evidence of myocardial injury after pediatric cardiac operations. <b>1997</b> , 113, 728-35  |   | 63  |
| 409 | Myocardial injury after electrical therapy for cardiac arrhythmias assessed by troponin-T release. <i>American Journal of Cardiology</i> , <b>1997</b> , 79, 1241-5                           | 3 | 50  |
| 408 | Absence of human herpesvirus 8 genomes in coronary atherosclerosis in immunocompetent patients. <i>American Journal of Cardiology</i> , <b>1997</b> , 79, 1245-7                              | 3 | 8   |
| 407 | Detection of myocardial damage by serial measurements of cardiac troponin T, CK MBmass, and TROPT rapid test. <b>1997</b> , 11 Suppl 1, 227-40  |   | 16  |
| 406 | No release of cardiac troponin I during major orthopedic surgery after acute normovolemic hemodilution. <b>1998</b> , 42, 799-804   |   | 9   |
| 405 | Detection of reperfusion after thrombolytic therapy by the analysis of released biochemical markers. <b>1998</b> , 28, 565-8  |   |     |
| 404 | In elective coronary artery bypass grafting, preoperative troponin T level predicts the risk of myocardial infarction. <b>1998</b> , 115, 1328-34   |   | 34  |
| 403 | Recent advances in the management of unstable angina and non-Q-wave myocardial infarction. <b>1998</b> , 46, 335-41   |   |     |
| 402 | Measurement of cardiac troponin T is an effective method for predicting complications among emergency department patients with chest pain. <b>1998</b> , 31, 539-49                           |   | 52  |
| 401 | Comparaisons analytique et diagnostique de deux dosages de l'isoenzyme MB de la cràtine kinase et de deux dosages de la troponine I par mthode immunoenzymologique. <b>1998</b> , 13, 167-173 |   |     |
| 400 | Beyond the twelve-lead electrocardiogram: diagnostic tests in the evaluation for suspected acute myocardial infarction in the emergency department, Part II. <b>1998</b> , 16, 67-78          |   | 5   |
| 399 | Troponin T: a sensitive and specific diagnostic and prognostic marker of myocardial damage. <b>1998</b> , 272, 47-57  |   | 32  |
| 398 | Myonecrosis after revascularization procedures. <b>1998</b> , 31, 241-51  |   | 367 |

|     |   |     |     |
|-----|---|-----|-----|
| 397 | Early noninvasive identification of failed reperfusion after intravenous thrombolytic therapy in acute myocardial infarction. <b>1998</b> , 31, 1499-505  |     | 62  |
| 396 | Clinical utility of troponin T levels and echocardiography in the emergency department. <b>1998</b> , 135, 253-60   |     | 48  |
| 395 | [The value of cardiac troponin I as diagnostic test in the study of chest pain]. <b>1998</b> , 51, 122-8  |     | 5   |
| 394 | Troponin T measurement after myocardial infarction can identify left ventricular ejection of less than 40%. <i>Heart</i> , <b>1998</b> , 80, 223-5  | 5.1 | 36  |
| 393 | Can C reactive protein or troponins T and I predict outcome in patients with intractable unstable angina?. <i>Heart</i> , <b>1998</b> , 80, 23-27   | 5.1 | 11  |
| 392 | Intraoperative release of troponin T in coronary venous and arterial blood and its relation to recovery of left ventricular function and oxidative metabolism following coronary artery surgery. <i>Heart</i> , <b>1998</b> , 80, 341-8 | 5.1 | 25  |
| 391 | Characterization of cardiac troponin subunit release into serum after acute myocardial infarction and comparison of assays for troponin T and I. <b>1998</b> , 44, 1198-1208  |     | 306 |
| 390 | Cardiac troponin T in hemodialyzed patients. <b>1998</b> , 44, 1410-1416  |     | 70  |
| 389 | Different intracellular compartmentations of cardiac troponins and myosin heavy chains: a causal connection to their different early release after myocardial damage. <b>1998</b> , 44, 1912-1918                                       |     | 102 |
| 388 | Myocardial damage during percutaneous transluminal coronary angioplasty as evidenced by troponin T measurements. <b>1998</b> , 19, 112-7  |     | 42  |
| 387 | Lipid peroxidation and cardiac troponin T release during routine cardiac surgery. <b>1998</b> , 89, 124-9   |     | 17  |
| 386 | Release of Cardiac Troponin T after Percutaneous Transluminal Coronary Angioplasty. <b>1998</b> , 28, 1069  |     |     |
| 385 | Cardiac troponin I and troponin T: recent players in the field of myocardial markers. <b>1999</b> , 37, 11-20   |     | 38  |
| 384 | Tissue release of cardiac markers: from physiology to clinical applications. <b>1999</b> , 37, 1077-84  |     | 51  |
| 383 | Post-ischaemic dysfunction does not correlate with release of cardiac troponin T in isolated rat hearts. <b>1999</b> , 167, 23-7  |     | 5   |
| 382 | Clinical Use of Ischemic Markers and Echocardiography in the Emergency Department. <b>1999</b> , 16, 187-192  |     | 4   |
| 381 | Reduction of myocardial infarct size with sCR1sLe(x), an alternatively glycosylated form of human soluble complement receptor type 1 (sCR1), possessing sialyl Lewis x. <b>1999</b> , 128, 945-52                                       |     | 36  |
| 380 | Cardiac myofibrillar proteins: biochemical markers to estimate myocardial injury. <b>1999</b> , 194, 31-9   |     | 8   |

|     |  |   |     |
|-----|--|---|-----|
| 379 | Cardiac troponin T as a marker of myocardial damage caused by antineoplastic drugs in rabbits. <b>1999</b> , 125, 268-74   |   | 32  |
| 378 | Mechanical conversion of post-ischæmic ventricular fibrillation: effects on function and myocyte injury in isolated rat hearts. <b>1999</b> , 59, 9-16   |   | 11  |
| 377 | Direct comparison of early elevations of cardiac troponin T and I in patients with clinical unstable angina. <b>1999</b> , 137, 284-91   |   | 33  |
| 376 | Improvement of early postburn cardiac function by use of Panax notoginseng and immediate total eschar excision in one operation. <b>1999</b> , 25, 35-41   |   | 38  |
| 375 | The use of troponin measurements in patients with unstable angina. <b>1999</b> , 68 Suppl 1, S49-53  |   |     |
| 374 | Monitoring of extracellular aspartate aminotransferase and troponin T by microdialysis during and after cardioplegic heart arrest. <b>1999</b> , 92, 162-70  |   | 25  |
| 373 | Myoglobin, creatine-kinase-MB and cardiac troponin-I 60-minute ratios predict infarct-related artery patency after thrombolysis for acute myocardial infarction: results from the Thrombolysis in Myocardial Infarction study (TIMI) 10B. <b>1999</b> , 34, 739-47 |   | 59  |
| 372 | Cardiac troponins in congestive heart failure. <b>1999</b> , 138, 646-53   |   | 97  |
| 371 | Pandora's box is torn asunder. <b>1999</b> , 138, 9-12   |   | 15  |
| 370 | Correlation between serum levels of cardiac troponin-T and the severity of the chronic cardiomyopathy induced by doxorubicin. <b>1999</b> , 17, 2237-43  |   | 170 |
| 369 | Cardiac troponin T levels at 96 hours reflect myocardial infarct size: a pathoanatomical study. <b>2000</b> , 93, 249-53   |   | 51  |
| 368 | Expression of Messenger RNA of the Cardiac Isoforms of Troponin T and I in Myopathic Skeletal Muscle. <b>2000</b> , 114, 544-549   |   | 49  |
| 367 | Troponin T in the coronary sinus and percutaneous transluminal coronary angioplasty related myocardial injury. <b>2000</b> , 27, 14-7  |   | 3   |
| 366 | Association of severe placental insufficiency and systemic venous pressure rise in the fetus with increased neonatal cardiac troponin T levels. <b>2000</b> , 183, 726-31  |   | 72  |
| 365 | Comparison of troponin T versus creatine kinase-MB in suspected acute coronary syndromes. <i>American Journal of Cardiology</i> , <b>2000</b> , 85, 421-6  | 3 | 28  |
| 364 | Coronary angiographic findings and troponin T in patients with unstable angina pectoris. <i>American Journal of Cardiology</i> , <b>2000</b> , 85, 810-4   | 3 | 46  |
| 363 | Troponin T and I Assays Show Decreased Concentrations in Heparin Plasma Compared with Serum: Lower Recoveries in Early than in Late Phases of Myocardial Injury. <b>2000</b> , 46, 817-821   |   | 84  |
| 362 | Correlation of Antemortem Serum Creatine Kinase, Creatine Kinase-MB, Troponin I, and Troponin T with Cardiac Pathology. <b>2000</b> , 46, 338-344  |   | 138 |

|     |   |          |
|-----|---|----------|
| 361 | Cardiac troponin T alterations in myocardium and serum of rats after stressful, prolonged intense exercise. <b>2000</b> , 88, 1749-55   | 112      |
| 360 | References. <b>2000</b> , 173, S83  |          |
| 359 | C-Reactive Protein and Cardiac Troponin T in Risk Stratification: Differences in Optimal Timing of Tests Early after the Onset of Chest Pain. <b>2000</b> , 46, 1597-1603   | 32       |
| 358 | Troponin T as a Marker of Infarction during Coronary Bypass Surgery. <b>2000</b> , 8, 19-23   |          |
| 357 | It's time for a change to a troponin standard. <i>Circulation</i> , <b>2000</b> , 102, 1216-20  | 16.7 496 |
| 356 | Comparison of cardiac troponin T and I and CK-MB for the detection of minor myocardial damage during interventional cardiac procedures. <b>2000</b> , 37 ( Pt 6), 764-9   | 46       |
| 355 | Comparison of the diagnostic value of cardiac troponin I and T determinations for detecting early myocardial damage and the relationship with histological findings after isoprenaline-induced cardiac injury in rats. <b>2000</b> , 298, 13-28 | 83       |
| 354 | Heart fatty acid binding protein and cardiac troponin T plasma concentrations as markers for myocardial infarction after coronary artery ligation in mice. <b>2000</b> , 439, 416-22  | 19       |
| 353 | Myocardial injury in major aortic surgery. <b>2000</b> , 31, 742-50   | 32       |
| 352 | Diagnóstico bioquímico de la isquemia coronaria aguda. <b>2000</b> , 115, 671-676   | 1        |
| 351 | Cardiac markers protocols in a chest pain observation unit. <b>2001</b> , 19, 67-86   | 5        |
| 350 | Translocation of S100A1(1) calcium binding protein during heart surgery. <b>2001</b> , 284, 698-703   | 12       |
| 349 | Effects of Implantable Cardioverter Defibrillator Implantation and Shock Application on Biochemical Markers of Myocardial Damage. <b>2001</b> , 47, 459-463   | 54       |
| 348 | Admission troponin T level predicts clinical outcomes, TIMI flow, and myocardial tissue perfusion after primary percutaneous intervention for acute ST-segment elevation myocardial infarction. <i>Circulation</i> , <b>2001</b> , 104, 630-5   | 16.7 74  |
| 347 | [Biochemical markers of ischemic and non-ischemic myocardial damage]. <b>2001</b> , 96, 144-56  | 21       |
| 346 | Critical care handbook of the Massachusetts General Hospital, 3rd edition. <b>2001</b> , 27, 1094-1094  |          |
| 345 | Increased troponin in patients with sepsis and septic shock: myocardial necrosis or reversible myocardial depression?. <b>2001</b> , 27, 959-61   | 131      |
| 344 | The use of serum levels of cardiac troponin T to compare the protective activity of dexrazoxane against doxorubicin- and mitoxantrone-induced cardiotoxicity. <b>2001</b> , 48, 297-304   | 91       |



|     |  |      |     |
|-----|--|------|-----|
| 343 | [Acute heart infarct--new definition and diagnostic techniques]. <b>2001</b> , 42, 641-2, 645-8  |      | 1   |
| 342 | Implications of troponin testing in clinical medicine. <b>2001</b> , 2, 75-84  |      | 23  |
| 341 | Cardiac troponin T in ST-segment elevation acute myocardial infarction revisited. <b>2001</b> , 1, 99-104  |      | 1   |
| 340 | Usefulness of serum troponin T levels on day three or four in predicting survival after acute myocardial infarction. <i>American Journal of Cardiology</i> , <b>2001</b> , 87, 294-7                             | 3    | 14  |
| 339 | Cardiac troponin: a new biochemical marker for peri-operative myocardial injury. <b>2001</b> , 22, 301-5   |      | 9   |
| 338 | Persistently increased serum concentrations of cardiac troponin t in patients with idiopathic dilated cardiomyopathy are predictive of adverse outcomes. <i>Circulation</i> , <b>2001</b> , 103, 369-74          | 16.7 | 239 |
| 337 | The content and distribution of troponin I, troponin T, myoglobin, and alpha-hydroxybutyric acid dehydrogenase in the human heart. <b>2001</b> , 115, 770-7  |      | 29  |
| 336 | Factors associated with increased serum levels of cardiac troponins T and I in chronic haemodialysis patients: Chronic Haemodialysis And New Cardiac Markers Evaluation (CHANCE) study. <b>2001</b> , 16, 1452-8 |      | 86  |
| 335 | Measurement of cardiac troponins. <b>2001</b> , 38, 423-49   |      | 176 |
| 334 | Evidence of exercise-induced cardiac dysfunction and elevated cTnT in separate cohorts competing in an ultra-endurance mountain marathon race. <b>2002</b> , 23, 489-94  |      | 66  |
| 333 | Early identification of permanent myocardial damage after coronary surgery is aided by repeated measurements of CK-MB. <b>2002</b> , 36, 35-40   |      | 17  |
| 332 | Troponin T concentrations 72 hours after myocardial infarction as a serological estimate of infarct size. <b>2002</b> , 87, 520-4  |      | 97  |
| 331 | Does the serum cardiac troponin I level increase with stress test-induced myocardial ischemia?. <b>2002</b> , 4, 216-9   |      | 5   |
| 330 | Use of cytosolic and myofibril markers in the detection of ongoing myocardial damage in patients with chronic heart failure. <b>2002</b> , 113, 717-22   |      | 102 |
| 329 | Predicting cancer therapy-induced cardiotoxicity: the role of troponins and other markers. <b>2002</b> , 25, 301-11  |      | 57  |
| 328 | Cardiac marker responses to coronary artery bypass graft surgery with cardiopulmonary bypass and aortic cross-clamping. <b>2002</b> , 16, 421-5  |      | 22  |
| 327 | Coronary revascularization: a procedure in transition from on-pump to off-pump? The role of glucose-insulin-potassium revisited in a randomized, placebo-controlled study. <b>2002</b> , 16, 413-20              |      | 29  |
| 326 | Peptide natriurétique de type B (BNP) et troponine. Intérêt du dosage au cours de l'insuffisance cardiaque et des syndromes coronaires aigus. <b>2002</b> , 17, 90-103   |      |     |

|     |   |    |
|-----|---|----|
| 325 | Les troponines. <b>2002</b> , 17, 297-301   | 1  |
| 324 | Cardiac troponins. <b>2002</b> , 23, 57-65  | 49 |
| 323 | Troponin T in the first 24 hours after the administration of chemotherapy and the detection of myocardial damage in children. <b>2002</b> , 38, 686-9   | 33 |
| 322 | Single-Point Cardiac Troponin T at Coronary Care Unit Discharge after Myocardial Infarction Correlates with Infarct Size and Ejection Fraction. <b>2002</b> , 48, 1432-1436                               | 79 |
| 321 | Does exercise-induced severe ischaemia result in elevation of plasma troponin-T level in patients with chronic coronary artery disease?. <b>2002</b> , 57, 13-8   | 10 |
| 320 | Relation of troponin T release kinetics to long-term clinical outcome in patients with acute ST segment elevation myocardial infarction treated with a percutaneous intervention. <b>2002</b> , 56, 312-9 | 2  |
| 319 | Comparison of cardiac troponin I and creatine kinase ratios in the detection of myocardial injury after aortic surgery. <b>2001</b> , 88, 1196-200  | 40 |
| 318 | Acute rest perfusion imaging in high risk unstable angina: association with troponin T and clinical endpoints. <b>2003</b> , 19, 511-7  | 1  |
| 317 | Cardioprotective effects and the mechanisms of terminal warm blood cardioplegia in pediatric cardiac surgery. <b>2003</b> , 125, 1242-51  | 32 |
| 316 | Discussion. <b>2003</b> , 125, 1249-1251  |    |
| 315 | The twilight zone of troponins. <b>2003</b> , 12 Suppl 2, S90-4   | 2  |
| 314 | Relationship between elevated preoperative troponin T and adverse outcomes following cardiac surgery. <b>2003</b> , 73, 40-4  | 17 |
| 313 | Utilidad clínica de las troponinas cardíacas. <b>2003</b> , 120, 389-394  |    |
| 312 | The twilight zone of troponins. <b>2003</b> , 12, S90-S94   | 3  |
| 311 | Myocardial tissue troponins T and I. An immunohistochemical study in experimental models of myocardial ischemia. <b>2003</b> , 12, 65-71  | 99 |
| 310 | Primary stenting produces earlier and more efficient myocardial reperfusion than primary PTCA alone in patients with acute ST segment elevation MI. <b>2003</b> , 54, 195-203                             |    |
| 309 | Strategy for analysis of cardiac troponins in biological samples with a combination of affinity chromatography and mass spectrometry. <b>2003</b> , 49, 873-9   | 39 |
| 308 | Cardiac troponin T in female athletes during a two-day mountain marathon. <b>2003</b> , 48, 41-2  | 15 |

|     |  |     |     |
|-----|--|-----|-----|
| 307 | Cord blood cardiac troponin I as an early predictor of short-term outcome in perinatal hypoxia. <b>2004</b> , 86, 131-7  |     | 33  |
| 306 | Cardiac troponin I and creatine kinase isoenzyme MB in patients with intradialytic hypotension. <b>2004</b> , 22, 338-43   |     | 29  |
| 305 | Cardiac biomarkers for detection of myocardial infarction: perspectives from past to present. <b>2004</b> , 50, 2205-13  |     | 60  |
| 304 | Biochemical markers of myocardial injury. <b>2004</b> , 93, 63-73  |     | 131 |
| 303 | Biochemical markers of myocyte injury in heart failure. <i>Heart</i> , <b>2004</b> , 90, 1110-3  | 5.1 | 78  |
| 302 | Chronic stable ischaemia protects against myocyte damage during beating heart coronary surgery. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2004</b> , 25, 772-8 | 3   | 4   |
| 301 | Cardiac troponins and renal disease. <b>2004</b> , 9, 83-8   |     | 38  |
| 300 | Effects of transvenous pacing on cardiac troponin release. <b>2004</b> , 27, 1264-8  |     | 12  |
| 299 | Role of troponin T in disease. <b>2004</b> , 263, 115-29   |     | 55  |
| 298 | Partial and delayed release of troponin-I compared with the release of lactate dehydrogenase from necrotic cardiomyocytes. <b>2004</b> , 448, 146-52                         |     | 11  |
| 297 | Serum troponin T levels and echocardiographic evaluation in children treated with doxorubicin. <b>2004</b> , 42, 220-4   |     | 58  |
| 296 | Serum troponins as biomarkers of drug-induced cardiac toxicity. <b>2004</b> , 32, 106-21   |     | 157 |
| 295 | 60-year-old man with chest pain. <b>2004</b> , 79, 399-402   |     |     |
| 294 | [Value of troponins in acute coronary syndrome in patients with renal failure]. <b>2004</b> , 123, 551-6   |     |     |
| 293 | [Cardiac troponin I and T: specific biomarkers of cardiomyocyte]. <b>2004</b> , 25, 115-23   |     | 11  |
| 292 | Cardiac troponins in pediatrics. <b>2004</b> , 20, 323-9   |     | 22  |
| 291 | Cardiac troponin T in obstructive sleep apnea. <b>2004</b> , 125, 2097-100   |     | 36  |
| 290 | Combined measurements of cardiac troponin T and N-terminal pro-brain natriuretic peptide in patients with heart failure. <b>2004</b> , 68, 1160-4                            |     | 34  |

|     |  |     |     |
|-----|--|-----|-----|
| 289 | Evaluation of coronary artery patency using cardiac markers. <b>2005</b> , 19, 21-4  |     |     |
| 288 | Usefulness of Cardiac Troponin I as a Prognostic Marker in Non-cardiac Critically Ill Patients. <b>2005</b> , 59, 53   |     | 2   |
| 287 | Troponin as a marker of myocardial damage in drug-induced cardiotoxicity. <b>2005</b> , 4, 457-72  |     | 58  |
| 286 | Troponin: the biomarker of choice for the detection of cardiac injury. <i>Cmaj</i> , <b>2005</b> , 173, 1191-202   | 3.5 | 409 |
| 285 | Elevated cardiac troponin T is associated with increased left ventricular mass index and predicts mortality in continuous ambulatory peritoneal dialysis patients. <b>2005</b> , 20, 962-7 |     | 28  |
| 284 | Effectiveness and safety of internal rectilinear biphasic versus monophasic defibrillation in patients undergoing cardiac surgery. <b>2005</b> , 19, 739-45                                |     | 1   |
| 283 | Use of biomarkers in the emergency department and chest pain unit. <b>2005</b> , 23, 453-65, vi  |     | 10  |
| 282 | Cardiac troponin I release in acute pulmonary embolism in relation to the duration of symptoms. <b>2005</b> , 99, 207-11   |     | 25  |
| 281 | Evaluation of H-FABP as a marker of ongoing myocardial damage using hGH transgenic mice. <b>2005</b> , 361, 159-66   |     | 5   |
| 280 | Biomarkers of cardiac injury: an update. <b>2005</b> , 56, 677-91  |     | 67  |
| 279 | Cardiovascular Biomarkers. <b>2006</b> ,   |     | 2   |
| 278 | Present and future biochemical markers for detection of acute coronary syndrome. <b>2006</b> , 43, 427-95  |     | 14  |
| 277 | Cardiac Troponins: Clinical and Analytical Aspects. <b>2006</b> , 41, 49-122   |     | 3   |
| 276 | Degradation of Cardiac Troponins. <b>2006</b> , 161-174  |     | 3   |
| 275 | Prognostic Role of New Biomarkers in Off-Pump Coronary Artery Bypass Surgery. <b>2006</b> , 59, 280-283  |     |     |
| 274 | Papel pronóstico de los nuevos biomarcadores en la cirugía coronaria sin circulación extracorpórea. <b>2006</b> , 59, 280-283  |     | 1   |
| 273 | Cardiac troponin T at 96 hours after acute myocardial infarction correlates with infarct size and cardiac function. <b>2006</b> , 48, 2192-4   |     | 115 |
| 272 | Clinical evaluation of point-of-care-testing of heart-type fatty acid-binding protein (H-FABP) for the diagnosis of acute myocardial infarction. <b>2006</b> , 27, 225-38                  |     | 17  |

|     |  |      |     |
|-----|--|------|-----|
| 271 | [Troponin and other markers of myocardial ischemia injury, what is the relevance in internal medicine?]. <b>2006</b> , 27, 215-26  |      |     |
| 270 | Estimation of infarct size by single measurements of creatine kinase levels in patients with a first myocardial infarction. <i>Journal of Cardiovascular Medicine</i> , <b>2006</b> , 7, 340-6           | 1.9  | 8   |
| 269 | Troponin-I concentration 72 h after myocardial infarction correlates with infarct size and presence of microvascular obstruction. <i>Heart</i> , <b>2007</b> , 93, 1547-51                               | 5.1  | 56  |
| 268 | Time course of degradation of cardiac troponin I in patients with acute ST-elevation myocardial infarction: the ASSENT-2 troponin substudy. <b>2006</b> , 99, 1141-7                                     |      | 38  |
| 267 | Myocardial injury and ventricular dysfunction related to training levels among nonelite participants in the Boston marathon. <i>Circulation</i> , <b>2006</b> , 114, 2325-33                             | 16.7 | 387 |
| 266 | National Academy of Clinical Biochemistry Laboratory Medicine Practice Guidelines: clinical characteristics and utilization of biochemical markers in acute coronary syndromes. <b>2007</b> , 53, 552-74 |      | 326 |
| 265 | Peak CKMB and cTnT accurately estimates myocardial infarct size after reperfusion. <b>2007</b> , 41, 44-50   |      | 33  |
| 264 | Cardiac troponin T as a prognostic marker in patients with heart failure : a 3-year outcome study. <b>2007</b> , 58, 603-9   |      | 10  |
| 263 | Relative role of NT-pro BNP and cardiac troponin T at 96 hours for estimation of infarct size and left ventricular function after acute myocardial infarction. <b>2007</b> , 9, 749-58                   |      | 28  |
| 262 | New potential uses for cardiac troponins. <b>2007</b> , 1, 491-501   |      | 1   |
| 261 | A review of troponins in ischemic heart disease and other conditions. <b>2007</b> , 16, 53-8   |      | 19  |
| 260 | Cardiac troponin T: a useful early marker for cardiac and respiratory dysfunction in neonates. <b>2007</b> , 92, 105-10  |      | 16  |
| 259 | Asymptomatic myocardial infarction prior to ischemic stroke?. <b>2007</b> , 24, 318  |      | 0   |
| 258 | Plasma troponins as markers of myocardial damage during cardiac surgery with extracorporeal circulation. <b>2007</b> , 213, 63-9   |      | 6   |
| 257 | Diversity of the elevation of serum cardiac troponin I levels in patients during their first visit to the emergency room. <b>2007</b> , 71, 1458-62  |      | 22  |
| 256 | Elevated levels of both cardiomyocyte membrane and myofibril damage markers predict adverse outcomes in patients with chronic heart failure. <b>2008</b> , 72, 569-74                                    |      | 16  |
| 255 | Troponin-T and myoglobin plus echocardiographic evaluation for monitoring early cardiotoxicity of weekly epirubicin-paclitaxel in metastatic breast cancer patients. <b>2007</b> , 18, 227-32            |      | 12  |
| 254 | Chest Pain, Dyspnea, and Fatigue in a 57-Year-Old Man. <b>2007</b> , 38, 543-548   |      |     |

|     |   |      |     |
|-----|---|------|-----|
| 253 | Impact of kidney function on plasma troponin concentrations after coronary artery bypass grafting. <b>2008</b> , 23, 231-8  |      | 15  |
| 252 | National Academy of Clinical Biochemistry Laboratory Medicine Practice Guidelines: Clinical characteristics and utilization of biochemical markers in acute coronary syndromes. <i>Circulation</i> , <b>2007</b> , 115, e356-75 | 16.7 | 255 |
| 251 | The use of biomarkers for the evaluation and treatment of patients with acute coronary syndromes. <b>2007</b> , 91, 657-81; xi  |      | 20  |
| 250 | Heart-type fatty acid-binding protein is more sensitive than troponin T to detect the ongoing myocardial damage in chronic heart failure patients. <b>2007</b> , 13, 120-7  |      | 77  |
| 249 | Investigation of release and degradation of cardiac troponin T in patients with acute myocardial infarction. <b>2007</b> , 40, 851-5  |      | 34  |
| 248 | Biochemical markers of myocardial injury. <b>2007</b> , 22, 10-7  |      | 56  |
| 247 | In vitro and in vivo examination of cardiac troponins as biochemical markers of drug-induced cardiotoxicity. <b>2007</b> , 237, 218-228   |      | 45  |
| 246 | Diagnosis of acute myocardial infarction: CK-MB versus cTn-T in Indian patients. <b>2008</b> , 23, 89-91  |      | 10  |
| 245 | Troponins and natriuretic peptides in the monitoring of anthracycline cardiotoxicity. <b>2008</b> , 51, 327-33  |      | 31  |
| 244 | Myocardial response to a triathlon in male athletes evaluated by Doppler tissue imaging and biochemical parameters. <b>2008</b> , 18, 698-705   |      | 15  |
| 243 | Cardiac troponins. <b>2008</b> , 18, 235-245  |      | 83  |
| 242 | Cardiac magnetic resonance imaging study for quantification of infarct size comparing directly serial versus single time-point measurements of cardiac troponin T. <b>2008</b> , 51, 307-14                                     |      | 141 |
| 241 | Cardiac troponin T release after prolonged strenuous exercise. <b>2008</b> , 38, 425-35   |      | 17  |
| 240 | Troponin in hematologic oncology. <b>2008</b> , 49, 194-203   |      | 10  |
| 239 | Requiem for a heavyweight: the demise of creatine kinase-MB. <i>Circulation</i> , <b>2008</b> , 118, 2200-6   | 16.7 | 83  |
| 238 | Comparison of four different cardiac troponin assays in patients with end-stage renal disease on chronic haemodialysis. <b>2008</b> , 10, 173-80  |      | 6   |
| 237 | Detection of acute changes in circulating troponin in the setting of transient stress test-induced myocardial ischaemia using an ultrasensitive assay: results from TIMI 35. <b>2009</b> , 30, 162-9                            |      | 187 |
| 236 | Serum troponin in neonatal intensive care. <b>2008</b> , 94, 1-7  |      | 29  |

|     |  |     |     |
|-----|--|-----|-----|
| 235 | Markers in Cardiology: A Case-Orientated Approach. Jesse E. Adams, Fred S. Apple, and Allan S. Jaffe, editors. Malden, MA: Blackwell Futura Publishing, 2007, 261 pp, \$99.95. ISBN 978-1-4051-3418-7.. <b>2008</b> , 54, 2090-2091                |     |     |
| 234 | Determiration of cardiac troponin I in the blood and heart of calves with foot-and-mouth disease. <b>2008</b> , 20, 598-605  |     | 26  |
| 233 | Protocols for Diagnosing Myocardial Infarction. 1-21   |     |     |
| 232 | Reference population and marathon runner sera assessed by highly sensitive cardiac troponin T and commercial cardiac troponin T and I assays. <b>2009</b> , 55, 101-8  |     | 238 |
| 231 | Cardiac troponin I degradation in serum of patients with hypertrophic obstructive cardiomyopathy undergoing percutaneous septal ablation. <b>2009</b> , 114, 167-73  |     | 7   |
| 230 | Troponin T concentration 3 days after acute ST-elevation myocardial infarction predicts infarct size and cardiac function at 3 months. <b>2009</b> , 113, 207-12   |     | 19  |
| 229 | Measurement of circulating concentrations of cardiac troponin I and T in healthy subjects: a tool for monitoring myocardial tissue renewal?. <b>2009</b> , 47, 1167-77   |     | 67  |
| 228 | Usefulness of peak troponin-T to predict infarct size and long-term outcome in patients with first acute myocardial infarction after primary percutaneous coronary intervention. <i>American Journal of Cardiology</i> , <b>2009</b> , 103, 779-84 | 3   | 48  |
| 227 | Relation of biomarkers and cardiac magnetic resonance imaging after marathon running. <i>American Journal of Cardiology</i> , <b>2009</b> , 103, 1467-72   | 3   | 138 |
| 226 | Cardioprotective effect of gallic acid on cardiac troponin-T, cardiac marker enzymes, lipid peroxidation products and antioxidants in experimentally induced myocardial infarction in Wistar rats. <b>2009</b> , 179, 118-24                       |     | 214 |
| 225 | Infarct evolution in man studied in patients with first-time coronary occlusion in comparison to different species - implications for assessment of myocardial salvage. <b>2009</b> , 11, 38   |     | 77  |
| 224 | Release of necrosis markers and cardiovascular magnetic resonance-derived microvascular perfusion in reperfused ST-elevation myocardial infarction. <b>2009</b> , 124, 592-600   |     | 4   |
| 223 | Detection of myocardial injury in patients with unstable angina using a novel nanoparticle cardiac troponin I assay: observations from the PROTECT-TIMI 30 Trial. <b>2009</b> , 158, 386-91  |     | 71  |
| 222 | Endurance exercise and the heart: multiple benefits but many unanswered questions. <b>2009</b> , 22, 810-3   |     |     |
| 221 | Predictive value of cardiac troponin-I compared to creatine kinase-myocardial band for the assessment of infarct size as measured by cardiac magnetic resonance. <i>Journal of Cardiovascular Medicine</i> , <b>2010</b> , 11, 587-92              | 1.9 | 9   |
| 220 | Short-term increase of serum troponin I and serum heart-type fatty acid-binding protein (H-FABP) in dogs following administration of formoterol. <b>2010</b> , 62, 343-52  |     | 3   |
| 219 | Diagnosis of Acute Myocardial Infarction. <b>2010</b> , 97-105   |     |     |
| 218 | The utility of troponin measurement to detect myocardial infarction: review of the current findings. <b>2010</b> , 6, 691-9  |     | 103 |

|     |  |     |     |
|-----|--|-----|-----|
| 217 | Unusual case of myocardial injury induced by Escherichia coli sepsis. <b>2010</b> , 74, 40-3   |     | 3   |
| 216 | Exercise-induced cardiac troponin elevation: evidence, mechanisms, and implications. <b>2010</b> , 56, 169-76  |     | 286 |
| 215 | Cardiac troponin may be released by ischemia alone, without necrosis. <b>2010</b> , 411, 318-23  |     | 182 |
| 214 | A third troponin T blood sample is not cost-effective in patients with suspected non-ST segment elevation acute coronary syndrome. <b>2011</b> , 71, 117-22                              |     | 5   |
| 213 | Pathobiology of troponin elevations: do elevations occur with myocardial ischemia as well as necrosis?. <b>2011</b> , 57, 2406-8   |     | 250 |
| 212 | Who is David and who is Goliath? There is an urgent need to improve the reference standards for estimation of myocardial infarct size. <b>2011</b> , 4, 534-6                            |     | 2   |
| 211 | Prognostic value of sensitive troponin T in patients with stable and unstable angina and undetectable conventional troponin. <b>2011</b> , 161, 68-75                                    |     | 84  |
| 210 | Biochemical markers in acute coronary syndrome. <b>2011</b> , 412, 1279-96   |     | 34  |
| 209 | Serum cardiac troponin I concentrations transiently increase in rats given rosiglitazone. <b>2011</b> , 201, 110-5   |     | 12  |
| 208 | Acceleration of New Biomarkers Development and Discovery in Synergistic Diagnostics of Coronary Artery Disease. <b>2011</b> ,  |     |     |
| 207 | Isolated creatine kinase-MB rise with normal cardiac troponins: a strange occurrence with difficult interpretation. <i>Journal of Cardiovascular Medicine</i> , <b>2011</b> , 12, 736-40 | 1.9 | 6   |
| 206 | High sensitive troponin T and heart fatty acid binding protein: novel biomarker in heart failure with normal ejection fraction? A cross-sectional study. <b>2011</b> , 11, 41            |     | 25  |
| 205 | Cardiac troponin T and creatine kinase predict mid-term infarct size and left ventricular function after acute myocardial infarction: a cardiac MR study. <b>2011</b> , 33, 847-54       |     | 34  |
| 204 | Troponins: redefining their limits. <i>Heart</i> , <b>2011</b> , 97, 447-52  | 5.1 | 37  |
| 203 | High-sensitivity troponin assays in the evaluation of patients with acute chest pain in the emergency department. <b>2011</b> , 49, 1955-63  |     | 19  |
| 202 | The complete pharmacokinetic profile of serum cardiac troponin I in the rat and the dog. <b>2011</b> , 123, 368-73   |     | 33  |
| 201 | 72-h kinetics of high-sensitive troponin T and inflammatory markers after marathon. <b>2011</b> , 43, 1819-27  |     | 148 |
| 200 | Possible False Positive Heart Fatty Acid Binding Protein in Patient Who Has A High Level of Creatinine Kinase. <b>2011</b> ,   |     |     |



|     |   |     |
|-----|---|-----|
| 199 | Impact of serial troponin release on outcomes in patients with acute heart failure: analysis from the PROTECT pilot study. <b>2011</b> , 4, 724-32                    | 73  |
| 198 | Effect of repeated endurance runs on cardiac biomarkers and function in adolescents. <b>2011</b> , 43, 2081-8   | 23  |
| 197 | Post-exercise cardiac troponin release is related to exercise training history. <b>2012</b> , 33, 333-7   | 34  |
| 196 | Troponin T percentiles from a random population sample, emergency room patients and patients with myocardial infarction. <b>2012</b> , 58, 628-37                     | 118 |
| 195 | Troponin for the estimation of infarct size: what have we learned?. <b>2012</b> , 121, 204-12   | 55  |
| 194 | One hundred years of myocardial infarction. <b>2012</b> , 33, 2888-91   | 3   |
| 193 | Towards appreciating appropriate clinical responses to highly sensitive cardiac troponin assays. <b>2012</b> , 42 Suppl 5, 16-22                                      | 6   |
| 192 | Caractéristiques immuno-analytiques des dosages des troponines cardiaques. <b>2012</b> , 27, 205-211  |     |
| 191 | Prevalence, kinetic changes and possible reasons of elevated cardiac troponin T in patients with AV nodal re-entrant tachycardia. <b>2012</b> , 14, 131-7             | 13  |
| 190 | Analytical characteristics of high-sensitivity cardiac troponin assays. <b>2012</b> , 58, 54-61   | 611 |
| 189 | Biomarkers in acute myocardial injury. <b>2012</b> , 159, 252-64  | 78  |
| 188 | Developing and assessing cardiovascular biomarkers. <b>2012</b> , 159, 265-76   | 19  |
| 187 | Elevated baseline hs-cTnT levels predict exercise-induced myocardial ischemia in patients with peripheral arterial disease. <b>2012</b> , 413, 1678-82                | 13  |
| 186 | The impact of repeated marathon running on cardiovascular function in the aging population. <b>2012</b> , 14, 58  | 45  |
| 185 | Highly Sensitive Troponin Immunoassays. <b>2012</b> , 1-29  | 17  |
| 184 | Biomarkers in Acute Myocardial Infarction. <b>2012</b> , 03,  | 7   |
| 183 | Clinical feasibility study for detection of myocardial oedema by a cine SSFP sequence in comparison to a conventional T2-weighted sequence. <b>2012</b> , 101, 125-31 | 8   |
| 182 | Carnitine and acylcarnitine profiles in dried blood spots of patients with acute myocardial infarction. <b>2013</b> , 9, 828-838                                      | 9   |

|     |   |   |     |
|-----|---|---|-----|
| 181 | Cardiac troponin level elevations not related to acute coronary syndromes. <b>2013</b> , 10, 623-34   |   | 136 |
| 180 | [Myocardial infarction. New universal definition and its implementation in clinical practice]. <b>2013</b> , 38, 821-7  |   | 4   |
| 179 | Conventional and novel diagnostic biomarkers of acute myocardial infarction: a promising role for circulating microRNAs. <b>2013</b> , 18, 547-58   |   | 26  |
| 178 | Evaluation of a modified lateral flow immunoassay for detection of high-sensitivity cardiac troponin I and myoglobin. <b>2013</b> , 42, 522-5   |   | 29  |
| 177 | Effect of cardiac compressions and hypothermia treatment on cardiac troponin I in newborns with perinatal asphyxia. <b>2013</b> , 84, 1562-7  |   | 22  |
| 176 | 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. <i>American Journal of Cardiology</i> , <b>2013</b> , 111, 1387-93 | 3 | 31  |
| 175 | Small changes in troponin T levels are common in patients with non-ST-segment elevation myocardial infarction and are linked to higher mortality. <b>2013</b> , 62, 1231-1238   |   | 63  |
| 174 | Time-dependent degradation pattern of cardiac troponin T following myocardial infarction. <b>2013</b> , 59, 1083-90   |   | 62  |
| 173 | Neue Definition des Herzinfarkts. <b>2013</b> , 16, 10-15   |   | 0   |
| 172 | Blood content analysis for evaluating cardiopulmonary function. <b>2013</b> , 19, 258-64  |   |     |
| 171 | Intensive glucose regulation in hyperglycemic acute coronary syndrome: results of the randomized BIOMarker study to identify the acute risk of a coronary syndrome-2 (BIOMArCS-2) glucose trial. <b>2013</b> , 173, 1896-904  |   | 32  |
| 170 | Identifying the patient at risk of acute kidney injury: a predictive scoring system for the development of acute kidney injury in acute medical patients. <b>2013</b> , 123, 143-50   |   | 35  |
| 169 | Carvacrol protects against acute myocardial infarction of rats via anti-oxidative and anti-apoptotic pathways. <b>2013</b> , 36, 579-84   |   | 34  |
| 168 | Cardiac Biomarkers. <b>2013</b> , 69-75   |   |     |
| 167 | Cardiac Troponin T. <b>2013</b> , 77, 1653-1661   |   | 37  |
| 166 | Detection of myocardial injury due to defibrillation threshold checking after insertion of implantable cardioverter/defibrillators. <b>2013</b> , 68, 167-72  |   | 14  |
| 165 | Small Changes in Cardiac Troponin Levels Are Common in Patients with Myocardial Infarction: Diagnostic Implications. <b>2013</b> , 2013, 1-5  |   | 1   |
| 164 | Cardiovascular Biomarkers in ACS: State of the Art 2012. <b>2013</b> , 2013, 1-5  |   |     |

|     |   |     |
|-----|---|-----|
| 163 | Analytical Characteristics of High-Sensitivity Cardiac Troponin Assays. <b>2014</b> , 4, 55   | 2   |
| 162 | Biomarkers of acute myocardial infarction in the elderly: troponin and beyond. <b>2014</b> , 9, 1081-90   | 14  |
| 161 | CaM Kinase II mediates maladaptive post-infarct remodeling and pro-inflammatory chemoattractant signaling but not acute myocardial ischemia/reperfusion injury. <b>2014</b> , 6, 1231-45  | 72  |
| 160 | Cardiac troponins: bench to bedside interpretation in cardiac disease. <b>2014</b> , 347, 331-7   | 18  |
| 159 | Huperzine A ameliorates damage induced by acute myocardial infarction in rats through antioxidant, anti-apoptotic and anti-inflammatory mechanisms. <b>2014</b> , 33, 227-33  | 14  |
| 158 | Assessment and treatment of post patent ductus arteriosus ligation syndrome. <b>2014</b> , 165, 46-52.e1  | 48  |
| 157 | Making sense of high sensitivity troponin assays and their role in clinical care. <b>2014</b> , 16, 471   | 7   |
| 156 | "Troponin elevation in coronary ischemia and necrosis". <b>2014</b> , 16, 396   | 7   |
| 155 | The significance of troponin elevation for the clinical course and outcome of first-ever ischaemic stroke. <b>2014</b> , 38, 212-8  | 16  |
| 154 | Review article: elevated troponin: diagnostic gold or fool's gold?. <b>2014</b> , 26, 125-30  | 14  |
| 153 | Diagnosis of myocardial infarction: cardiac troponin I or troponin T?. <b>2014</b> , 47, 319-20   | 4   |
| 152 | Cardiac troponin in ischemic cardiomyocytes: intracellular decrease before onset of cell death. <b>2014</b> , 96, 339-45  | 19  |
| 151 | Cardiac troponins and high-sensitivity cardiac troponin assays. <b>2014</b> , 34, 59-73, vi   | 14  |
| 150 | Revision of the troponin T release mechanism from damaged human myocardium. <b>2014</b> , 60, 1098-104  | 40  |
| 149 | Baicalein pretreatment confers cardioprotection against acute myocardial infarction by activating the endothelial nitric oxide synthase signaling pathway and inhibiting oxidative stress. <b>2014</b> , 9, 2429-34   | 12  |
| 148 | Diagnostic markers of acute myocardial infarction. <b>2015</b> , 3, 743-748   | 127 |
| 147 | Oxysophoridine attenuates the injury caused by acute myocardial infarction in rats through anti-oxidative, anti-inflammatory and anti-apoptotic pathways. <b>2015</b> , 11, 527-32  | 7   |
| 146 | Cardiac troponin elevation pattern in patients undergoing a primary percutaneous coronary intervention for ST-segment elevation myocardial infarction: characterization and relationship with cardiovascular events during hospitalization. <b>2015</b> , 26, 503-9 | 10  |

|     |   |        |
|-----|---|--------|
| 145 | Biomarkers for differentiation of causes of respiratory distress in dogs and cats: Part 1--Cardiac diseases and pulmonary hypertension. <b>2015</b> , 25, 311-29  | 13     |
| 144 | Keeping the heart empty and beating: an alternative technique to preserve hypertrophied hearts during valvular surgery. <b>2015</b> , 10, 71  |        |
| 143 | Kinetics of high-sensitivity cardiac troponin T or troponin I compared to creatine kinase in patients with revascularized acute myocardial infarction. <b>2015</b> , 53, 707-14   | 26     |
| 142 | Elevation of cardiac troponins measured after recreational resistance training. <b>2015</b> , 48, 803-6   | 12     |
| 141 | A long way to translation: will cMyC survive?. <i>Basic Research in Cardiology</i> , <b>2015</b> , 110, 24  | 11.8 2 |
| 140 | Serum cardiac troponin I concentrations in dogs with systemic inflammatory response syndrome. <b>2015</b> , 29, 164-70  | 23     |
| 139 | High-sensitivity troponin T predicts infarct scar characteristics and adverse left ventricular function by cardiac magnetic resonance imaging early after reperfused acute myocardial infarction. <b>2015</b> , 170, 715-725.e2 | 25     |
| 138 | Controversies in Cardiology. <b>2015</b> ,  |        |
| 137 | Diurnal Rhythm of Cardiac Troponin: Consequences for the Diagnosis of Acute Myocardial Infarction. <b>2016</b> , 62, 1602-1611  | 53     |
| 136 | Porous graphene oxide nanostructure as an excellent scaffold for label-free electrochemical biosensor: Detection of cardiac troponin I. <b>2016</b> , 69, 447-52  | 66     |
| 135 | Preprocedural High-Sensitivity Cardiac Troponin T and Clinical Outcomes in Patients With Stable Coronary Artery Disease Undergoing Elective Percutaneous Coronary Intervention. <b>2016</b> , 9,                                | 13     |
| 134 | State-of-the-art diagnosis of myocardial infarction. <b>2016</b> , 3, 137-142   | 11     |
| 133 | Cardiac Troponins in Dogs and Cats. <b>2016</b> , 30, 36-50   | 58     |
| 132 | Predictive role of high sensitivity troponin T within four hours from presentation of acute coronary syndrome in elderly patients. <b>2016</b> , 16, 1  | 11     |
| 131 | Discordant cardiac biomarker levels independently predict outcome in ST-segment elevation myocardial infarction. <b>2016</b> , 105, 432-40  | 12     |
| 130 | Exercise at the Extremes: The Amount of Exercise to Reduce Cardiovascular Events. <b>2016</b> , 67, 316-29  | 154    |
| 129 | Are There Deleterious Cardiac Effects of Acute and Chronic Endurance Exercise?. <b>2016</b> , 96, 99-125  | 122    |
| 128 | Prognostic value of high sensitivity troponin T after ST-segment elevation myocardial infarction in the era of cardiac magnetic resonance imaging. <b>2016</b> , 2, 164-171   | 8      |

|     |   |     |   |
|-----|---|-----|---|
| 127 | Predicting Persistent Left Ventricular Dysfunction Following Myocardial Infarction: The PREDICTS Study. <b>2016</b> , 67, 1186-1196   | 48  |   |
| 126 | Clinical benefit of high-sensitivity cardiac troponin I in the detection of exercise-induced myocardial ischemia. <b>2016</b> , 173, 8-17   | 37  |   |
| 125 | Kinetics of high-sensitivity cardiac troponin T and I differ in patients with ST-segment elevation myocardial infarction treated by primary coronary intervention. <b>2016</b> , 5, 354-63                                      | 36  |   |
| 124 | SPR detection of cardiac troponin T for acute myocardial infarction. <b>2016</b> , 146, 823-30  | 59  |   |
| 123 | High-sensitive cardiac troponin-I facilitates timely detection of subclinical anthracycline-mediated cardiac injury. <b>2017</b> , 54, 149-157  | 26  |   |
| 122 | Analysis of reperfusion time trends in patients with ST-elevation myocardial infarction across New York State from 2004 to 2012. <b>2017</b> , 232, 140-146   | 4   |   |
| 121 | Brief Myocardial Ischemia Produces Cardiac Troponin I Release and Focal Myocyte Apoptosis in the Absence of Pathological Infarction in Swine. <b>2017</b> , 2, 105-114  | 52  |   |
| 120 | Head-to-head comparison of cardiac troponin T and troponin I in patients without acute coronary syndrome: a systematic review. <b>2017</b> , 22, 701-708  | 15  |   |
| 119 | Quantifying the Release of Biomarkers of Myocardial Necrosis from Cardiac Myocytes and Intact Myocardium. <b>2017</b> , 63, 990-996   | 55  |   |
| 118 | Interactions Between Reciprocal ST-Segment Downsloping During ST-Elevated Myocardial Infarction and Global Cardiac Perfusion and Functional Abnormalities. <i>American Journal of Cardiology</i> , <b>2017</b> , 119, 1902-1908 | 3   | 2 |
| 117 | Cardiac troponins: from myocardial infarction to chronic disease. <b>2017</b> , 113, 1708-1718  | 205 |   |
| 116 | Release of cardiac troponin from healthy and damaged myocardium. <b>2017</b> , 1, 144-150   | 24  |   |
| 115 | Novel Risk Stratification Assays for Acute Coronary Syndrome. <b>2017</b> , 19, 69  | 3   |   |
| 114 | Novel Biomarkers of Heart Failure. <b>2017</b> , 79, 93-152   | 60  |   |
| 113 | Cardiopulmonary and inflammatory biomarkers in heartworm disease. <b>2017</b> , 10, 534   | 9   |   |
| 112 | Effect of electroacupuncture of Neiguan (PC 6) and Tianquan (PC 2) on skin temperature, blood perfusion, and adrenoceptor response in rats with acute myocardial ischemia. <b>2017</b> , 37, 794-803                            |     |   |
| 111 | Advances in Cardiac Biomarkers of Acute Coronary Syndrome. <b>2017</b> , 78, 1-58   | 6   |   |
| 110 | Association of admission testosterone level with ST-segment resolution in male patients with ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention. <b>2017</b> , 27, 14             |     |   |

|     |   |     |    |
|-----|---|-----|----|
| 109 | Cardiac biomarkers in acute coronary syndromes. <b>2017</b> , 5,  |     |    |
| 108 | Full Issue PDF. <b>2018</b> , 11, e161-e299   |     |    |
| 107 | Rebuttal: Comparative prognostic value of postprocedural creatine kinase myocardial band and high-sensitivity troponin T in patients with non-ST-segment elevation myocardial infarction undergoing percutaneous coronary intervention. <b>2018</b> , 92, 635-636 |     |    |
| 106 | Complementary Diagnostic Value of Heart Type Fatty Acid-binding Protein in Early Detection of Acute Myocardial Infarction. <b>2018</b> , 17, 43-46  |     | 8  |
| 105 | Troponins: established and novel indications in the management of cardiovascular disease. <i>Heart</i> , <b>2018</b> , 104, 1714-1722   | 5.1 | 7  |
| 104 | Association Between High-Sensitivity Cardiac Troponin Levels and Myocardial Ischemia During Mental Stress and Conventional Stress. <b>2018</b> , 11, 603-611  |     | 21 |
| 103 | What's Next for Acute Heart Failure Research?. <b>2018</b> , 25, 85-93  |     | 6  |
| 102 | Contemporary and Future Usage of Conventional Cardiac Biomarkers: A Novel Algorithm for the Early Diagnosis of AMI and CVA. <b>2018</b> , 10,   |     |    |
| 101 | Mass Spectrometric Identification of Cardiac Troponin T in Urine of Patients Suffering from Acute Myocardial Infarction. <b>2018</b> , 2, 857-867   |     | 3  |
| 100 | Use of High-Sensitivity Cardiac Troponin for the Exclusion of Inducible Myocardial Ischemia: A Cohort Study. <b>2018</b> , 169, 751-760   |     | 10 |
| 99  | Cardiac Troponin - diagnostic problems and impact on cardiovascular disease. <b>2018</b> , 50, 655-665  |     | 9  |
| 98  | Diagnosis of Non-ST-Elevation Myocardial Infarction (NSTEMI). <b>2018</b> , 47-53   |     |    |
| 97  | Can copeptin and troponin T ratio predict final infarct size and myocardial salvage index in patients with ST-elevation myocardial infarction: A sub-study of the DANAMI-3 trial. <b>2018</b> , 59, 37-42   |     | 1  |
| 96  | Possible mechanisms behind cardiac troponin elevations. <b>2018</b> , 23, 725-734   |     | 56 |
| 95  | Cardiac myosin-binding protein C: how a novel biomarker could transform chest pain triage. <b>2018</b> , 12, 823-826  |     | 1  |
| 94  | High-Sensitivity Troponin T and Incident Heart Failure in Older Men: British Regional Heart Study. <b>2019</b> , 25, 230-237  |     | 9  |
| 93  | Myocardial Injury in the Era of High-Sensitivity Cardiac Troponin Assays: A Practical Approach for Clinicians. <b>2019</b> , 4, 1034-1042   |     | 42 |
| 92  | Diagnostic Roles of Postmortem cTn I and cTn T in Cardiac Death with Special Regard to Myocardial Infarction: A Systematic Literature Review and Meta-Analysis. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,                            | 6.3 | 15 |

|    |   |         |
|----|---|---------|
| 91 | Cardiac troponin I is present in plasma of type 1 myocardial infarction patients and patients with troponin I elevations due to other etiologies as complex with little free I. <b>2019</b> , 73, 35-43 | 7       |
| 90 | ST-segment elevation myocardial infarction. <b>2019</b> , 5, 39   | 78      |
| 89 | Cardiovascular biomarkers in dogs with systemic inflammatory response syndrome. <b>2019</b> , 29, 256-263   | 2       |
| 88 | Sex-Specific Cut-Offs for High-Sensitivity Cardiac Troponin: Is Less More?. <b>2019</b> , 2019, 9546931   | 22      |
| 87 | Etiology of Minor Troponin Elevations in Patients with Atrial Fibrillation at Emergency Department-Tropo-AF Study. <b>2019</b> , 8,   | 2       |
| 86 | Diagnosis of Acute Myocardial Infarction. <b>2019</b> , 91-98.e3  | 1       |
| 85 | Cardiac Myosin-Binding Protein C-From Bench to Improved Diagnosis of Acute Myocardial Infarction. <b>2019</b> , 33, 221-230   | 8       |
| 84 | Novel Invasive and Noninvasive Cardiac-Specific Biomarkers in Obesity and Cardiovascular Diseases. <b>2020</b> , 18, 10-30  | 24      |
| 83 | High-Sensitivity Cardiac Troponin I and T Kinetics after Non-ST-Segment Elevation Myocardial Infarction. <b>2020</b> , 5, 239-241   | 0       |
| 82 | Biomarkers and Right Ventricular Dysfunction. <b>2020</b> , 36, 141-153   | 7       |
| 81 | A Possible Mechanism behind Faster Clearance and Higher Peak Concentrations of Cardiac Troponin I Compared with Troponin T in Acute Myocardial Infarction. <b>2020</b> , 66, 333-341                    | 12      |
| 80 | Superior restoration of left ventricular performance after prolonged single-dose del Nido cardioplegia in conjunction with terminal warm blood cardioplegic reperfusion. <b>2020</b> ,                  | 5       |
| 79 | Essential role of laboratory physicians in transformation of laboratory practice and management to a value-based patient-centric model. <b>2020</b> , 57, 323-344                                       | 3       |
| 78 | Cardiac Troponin and the True False Positive. <b>2020</b> , 2, 461-463  | 1       |
| 77 | Early kinetic profiles of troponin I and T measured by high-sensitivity assays in patients with myocardial infarction. <b>2020</b> , 505, 15-25   | 15      |
| 76 | Detecting patients with PMI post-CABG based on cardiac troponin-T profiles: A latent class mixed modeling approach. <b>2020</b> , 504, 23-29  | 2       |
| 75 | The Liver and Kidneys mediate clearance of cardiac troponin in the rat. <b>2020</b> , 10, 6791  | 20      |
| 74 | Temporal Release of High-Sensitivity Cardiac Troponin T and I and Copeptin After Brief Induced Coronary Artery Balloon Occlusion in Humans. <i>Circulation</i> , <b>2021</b> , 143, 1095-1104           | 16.7 16 |

|    |  |     |    |
|----|--|-----|----|
| 73 | Cardiac troponin and defining myocardial infarction. <b>2021</b> , 117, 2203-2215  |     | 2  |
| 72 | Increased C reactive protein, cardiac troponin I and GLS are associated with myocardial inflammation in patients with non-ischemic heart failure. <b>2021</b> , 11, 3008   |     | 1  |
| 71 | Dynamic changes of high-sensitivity troponin T concentration during infancy: Clinical implications. <b>2021</b> , 70, 27-32  |     | 2  |
| 70 | Kinetics, Moderators and Reference Limits of Exercise-Induced Elevation of Cardiac Troponin T in Athletes: A Systematic Review and Meta-Analysis. <b>2021</b> , 12, 651851   |     | 4  |
| 69 | A Test in Context: Interpretation of High-Sensitivity Cardiac Troponin Assays in Different Clinical Settings. <b>2021</b> , 77, 1357-1367  |     | 5  |
| 68 | Prognostic Value of Isolated Elevated Troponin I Levels in Patients without Acute Coronary Syndrome Admitted to the Emergency Department. <i>Arquivos Brasileiros De Cardiologia</i> , <b>2021</b> , 116, 928-937 <sup>1,2</sup> |     | 1  |
| 67 | Periprocedural myocardial infarction: a web of definitions. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 60, 443-447   | 3   | 1  |
| 66 | Prognostic value of admission high-sensitivity troponin in patients with ST-elevation myocardial infarction. <i>Heart</i> , <b>2021</b> , 107, 1881-1888   | 5.1 | 1  |
| 65 | The Utility of Circulating and Imaging Biomarkers Alone and in Combination in Heart Failure. <i>Current Cardiology Reviews</i> , <b>2021</b> , 17, e160721193557   | 2.4 | 0  |
| 64 | Troponin Elevation Following Percutaneous Coronary Intervention in Acute Coronary Syndrome. <i>Journal of Acute Care Physical Therapy</i> , <b>2021</b> , Publish Ahead of Print,  | 0.5 | 0  |
| 63 | Cardiac troponins: are there any differences between T and I?. <i>Journal of Cardiovascular Medicine</i> , <b>2021</b> , 22, 797-805   | 1.9 | 3  |
| 62 | Biochemistry and Molecular Biology of Troponins I and T. <b>1998</b> , 193-204   |     | 15 |
| 61 | Ischemia-Modified Albumin, Free Fatty Acids, Whole Blood Choline, B-Type Natriuretic Peptide, Glycogen Phosphorylase BB, and Cardiac Troponin. <b>2003</b> , 259-277   |     | 2  |
| 60 | Cardiac Troponins: Exploiting the Diagnostic Potential of Disease-Induced Protein Modifications. <b>2003</b> , 125-138   |     | 1  |
| 59 | Defining Myocardial Infarction. <b>2006</b> , 41-59  |     | 1  |
| 58 | Cardiac Muscle and the Troponins. <b>2015</b> , 179-192  |     | 1  |
| 57 | Myocardial Damage: The role of Troponin T. <i>Developments in Cardiovascular Medicine</i> , <b>1998</b> , 27-39  |     | 2  |
| 56 | Mechanisms of Protein Release from Injured Heart Muscle. <i>Developments in Cardiovascular Medicine</i> , <b>1998</b> , 85-98  |     | 8  |



|    |  |      |     |
|----|--|------|-----|
| 55 | Development and characterization of a rapid assay for bedside determinations of cardiac troponin T. <i>Circulation</i> , <b>1995</b> , 92, 2869-75   | 16.7 | 67  |
| 54 | Serum cardiac troponin T and creatine kinase-MB elevations in murine autoimmune myocarditis. <i>Circulation</i> , <b>1995</b> , 92, 1927-32  | 16.7 | 35  |
| 53 | Relation between troponin T and the risk of subsequent cardiac events in unstable coronary artery disease. The FRISC study group. <i>Circulation</i> , <b>1996</b> , 93, 1651-7  | 16.7 | 382 |
| 52 | Effect of antioxidant supplementation on exercise-induced cardiac troponin release in cyclists: a randomized trial. <i>PLoS ONE</i> , <b>2013</b> , 8, e79280  | 3.7  | 13  |
| 51 | Turkish Society of Cardiology consensus paper on the rational use of cardiac troponins in daily practice. <i>Anatolian Journal of Cardiology</i> , <b>2019</b> , 21, 331-344   | 0.8  | 1   |
| 50 | Troponin: the biomarker of choice for the detection of cardiac injury. <i>Cmaj</i> , <b>2005</b> , 173, 1191-1202  | 3.5  | 150 |
| 49 | Troponin assay use in the emergency department for management of patients with potential acute coronary syndrome: current use and future directions. <i>Clinical and Experimental Emergency Medicine</i> , <b>2016</b> , 3, 1-8                          | 1.7  | 10  |
| 48 | Plasma levels of brain natriuretic peptides and cardiac troponin in hemodialysis patients. <i>Bosnian Journal of Basic Medical Sciences</i> , <b>2009</b> , 9, 137-41  | 3.3  | 7   |
| 47 | The choice of the diagnostic biomarkers of acute coronary syndromes. <i>Journal of Medical Biochemistry</i> , <b>2005</b> , 24, 1-13   |      | 1   |
| 46 | Cardiac biomarkers in dialysis. <i>AIMS Genetics</i> , <b>2017</b> , 4, 1-20   | 2.1  | 5   |
| 45 | High-sensitive cardiac troponin T. <i>Journal of Geriatric Cardiology</i> , <b>2013</b> , 10, 102-9  | 1.7  | 43  |
| 44 | Metabolic Syndrome is Associated With Higher Wall Motion Score and Larger Infarct Size After Acute Myocardial Infarction. <i>Research in Cardiovascular Medicine</i> , <b>2015</b> , 4, e25018   | 0.4  | 3   |
| 43 | Prognostic importance of pre-discharged troponin T levels in acute anterior myocardial infarction. <i>International Heart Journal</i> , <b>2004</b> , 45, 43-52  |      |     |
| 42 | Single-Point Troponin T Measurement On The Day Of Coronary Care Unit Discharge After Myocardial Infarction Strongly Correlates With Ejection Fraction And Infarct Size By Nuclear Imaging And With CK-MB Release. <b>2004</b> , 97-107                   |      |     |
| 41 | Biomarkers of Necrosis for Risk Assessment and Management of ST-Elevation Myocardial Infarction. <b>2006</b> , 93-102  |      |     |
| 40 | Relationship and Clinical Usefulness between Preoperative Levels of Brain Natriuretic Peptide, Other Cardiac Markers and Perioperative Parameters in Patients with Coronary Artery Disease. <i>Journal of Life Science</i> , <b>2010</b> , 20, 1299-1305 |      |     |
| 39 | A Troponin for the Kidney: Not There Yet. <b>2012</b> , 597-608  |      |     |
| 38 | Cardiac Function. <b>2012</b> , 1457-1522  |      | 1   |

- 37 Neue Aspekte zur Pathogenese und Diagnostik der instabilen Angina pectoris. **1993**, 99-108
- 36 Wertigkeit myofibrillärer Proteine in der Diagnostik des akuten Myokardinfarktes. *Zusammenarbeit Von Klinik Und Klinischer Chemie*, **1994**, 154-164
- 35 Biochemical Markers of Coronary Recanalization After Fibrinolytic Therapy. *Developments in Cardiovascular Medicine*, **1994**, 219-238
- 34 Clinical Utility of Cardiac Troponin I and Cardiac Troponin T Measurements. *Acta Medica (Hradec Kralove)*, **1997**, 40, 83-87 0.8 1
- 33 The Assessment of Myocardial Damage in Heart Transplantation. *Developments in Cardiovascular Medicine*, **1998**, 159-172
- 32 Pre-Clinical Application of Markers of Myocardial Damage. *Developments in Cardiovascular Medicine*, **1998**, 201-211
- 31 Prognostic value of biochemical Markers in Ischaemic Heart Disease. *Developments in Cardiovascular Medicine*, **1998**, 111-125
- 30 Myocardial Infarction Diagnosis, Troponin Elevation and Angiographic Coronary Artery Disease. **2015**, 135-146
- 29 Comparison of the specificity of cardiac troponin I and creatine kinase MB in isoproterenol-induced cardiotoxicity model in rats. *Acta Veterinaria Brno*, **2015**, 84, 343-350 0.8
- 28 ASSESSMENT OF LEFT VENTRICULAR FUNCTION USING 12-LEAD ECG AND CARDIAC TROPONIN-T IN CORRELATION WITH 2D-ECHO FOLLOWING NEW-ONSET MYOCARDIAL INFARCTION. *Journal of Evolution of Medical and Dental Sciences*, **2016**, 5, 4557-4563 0.1
- 27 OBSOLETE: Diagnosis of Non ST-Elevation Myocardial infarction (NSTEMI). **2018**,
- 26 CORRELATION OF CARDIAC TROPONIN IN ACUTE MYOCARDIAL INFARCTION WITH LEFT VENTRICULAR DYSFUNCTION. *Journal of Evidence Based Medicine and Healthcare*, **2018**, 5, 2227-2230 0
- 25 Meta-Analysis Evaluating High-Sensitivity Cardiac Troponin T Kinetics after Coronary Artery Bypass Grafting in Relation to the Current Definitions of Myocardial Infarction. *American Journal of Cardiology*, **2021**, 3 1
- 24 Cardiac troponin levels as a preferable biomarker of myocardial cell degradation. *Advances in Experimental Medicine and Biology*, **2007**, 592, 241-9 3.6
- 23 Troponins as early markers of acute myocardial infarction. **1997**, 413-420
- 22 Markers of Coronary Recanalization after Thrombolysis. **1997**, 449-461
- 21 Cardiac Biomarkers in the Diagnostic Workup of Pulmonary Embolism. **2007**, 69-78
- 20 Can C reactive protein or troponins T and I predict outcome in patients with intractable unstable angina?. *Heart*, **1998**, 80, 23-7 5.1 3

|    |  |        |    |
|----|--|--------|----|
| 19 | Acute myocardial infarction associated to DPP-4 inhibitors. <i>Heart, Lung and Vessels</i> , <b>2014</b> , 6, 180-6  |        | 4  |
| 18 | Cardiac biomarkers: definition, detection, diagnostic use, and efficiency. <b>2022</b> , 113-130   |        |    |
| 17 | THE IMPACT OF BIOMARKERS FOR THE DIAGNOSIS AND PROGNOSIS OF MYOCARDIAL INFARCTION. <b>2022</b> , 45-47   |        |    |
| 16 | Biomarkers of Inflammation and Oxidative stress in the Prediction and Management of Acute Coronary Syndrome. 3,  |        |    |
| 15 | Significance of Cardiac Troponins as an Identification Tool in COVID-19 Patients Using Biosensors: An Update.. <i>Frontiers in Molecular Biosciences</i> , <b>2022</b> , 9, 821155   | 5.6    | 1  |
| 14 | Cardioprotective properties of Artemisia herba alba nanoparticles against heart attack in rats: A study of the antioxidant and hypolipidemic activities.. <i>Saudi Journal of Biological Sciences</i> , <b>2022</b> , 29, 2336-2347 <sup>1</sup> | 4.2347 | 1  |
| 13 | Exercise-Induced Cardiac Troponin Elevations: From Underlying Mechanisms to Clinical Relevance.. <i>Circulation</i> , <b>2021</b> , 144, 1955-1972   | 16.7   | 8  |
| 12 | Release kinetics of cardiac troponin T in coronary effluent from isolated rat hearts during hypoxia and reoxygenation. <i>Basic Research in Cardiology</i> , <b>1992</b> , 87, 428-36  | 11.8   | 14 |
| 11 | Effects of ischemic preconditioning on the release of cardiac troponin T in isolated rat hearts. <i>Basic Research in Cardiology</i> , <b>1994</b> , 89, 241-9   | 11.8   | 10 |
| 10 | Release kinetics and correlation with hemodynamic dysfunction of cardiac troponin T in coronary effluent from isolated rat hearts during reperfusion. <i>Basic Research in Cardiology</i> , <b>1993</b> , 88, 307-13                             | 11.8   | 15 |
| 9  | Cardiovascular Biomarkers: Lessons of the Past and Prospects for the Future. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5680   | 6.3    | 3  |
| 8  | Bidirectional Relationship Between Cancer and Heart Failure: Insights on Circulating Biomarkers. 9,  |        | 1  |
| 7  | Myocardial injury in stress echocardiography: Comparison of dobutamine, dipyridamole and dynamic stressors in a single center study.   |        |    |
| 6  | Clinically Acquired High Sensitivity Cardiac Troponin T is a Poor Predictor of Reduced Left Ventricular Ejection Fraction After ST Elevation Myocardial Infarction: A National Cohort Study ANZACS-QI 65. <b>2022</b> ,                          |        | 1  |
| 5  | The use of intraoperative transit time flow measurement can reduce postoperative myocardial injury.  |        | 0  |
| 4  | Cardiac troponin release following coronary artery bypass grafting: mechanisms and clinical implications.  |        | 0  |
| 3  | High-Sensitivity Cardiac Troponin I and T Kinetics Differ following Coronary Bypass Surgery: A Systematic Review and Meta-Analysis.  |        | 0  |
| 2  | Absence of Significant Myocardial Injury following Elective Direct Current Cardioversion for Atrial Fibrillation. <b>2022</b> ,  |        | 0  |

1 Fragmentation of human cardiac troponin T after acute myocardial infarction. **2023**, 542, 117281

o