Robert Christenson

List of Publications by Year
in descending order

236 papers	14,987 citations	24978 57 h-index	19690 117 g-index
240 all docs	240 docs citations	240 times ranked	13007 citing authors

#	Article	IF	Citations
1	Cardiac Troponin T Levels for Risk Stratification in Acute Myocardial Ischemia. New England Journal of Medicine, 1996, 335, 1333-1342.	13.9	1,042
2	Case Definitions for Acute Coronary Heart Disease in Epidemiology and Clinical Research Studies. Circulation, 2003, 108, 2543-2549.	1.6	719
3	Multi-center determination of galectin-3 assay performance characteristics:. Clinical Biochemistry, 2010, 43, 683-690.	0.8	640
4	Association of Serial Measures of Cardiac Troponin T Using a Sensitive Assay With Incident Heart Failure and Cardiovascular Mortality in Older Adults. JAMA - Journal of the American Medical Association, 2010, 304, 2494.	3.8	610
5	Mid-Region Pro-Hormone Markers for Diagnosis and Prognosis in Acute Dyspnea. Journal of the American College of Cardiology, 2010, 55, 2062-2076.	1.2	467
6	Future Biomarkers for Detection of Ischemia and Risk Stratification in Acute Coronary Syndrome. Clinical Chemistry, 2005, 51, 810-824.	1.5	385
7	National Academy of Clinical Biochemistry Laboratory Medicine Practice Guidelines: Clinical Characteristics and Utilization of Biochemical Markers in Acute Coronary Syndromes. Clinical Chemistry, 2007, 53, 552-574.	1.5	383
8	National Academy of Clinical Biochemistry Laboratory Medicine Practice Guidelines: Clinical Characteristics and Utilization of Biochemical Markers in Acute Coronary Syndromes. Circulation, 2007, 115, e356-75.	1.6	348
9	Evaluation of Imprecision for Cardiac Troponin Assays at Low-Range Concentrations. Clinical Chemistry, 2004, 50, 327-332.	1.5	342
10	Serum GFAP and UCH-L1 for prediction of absence of intracranial injuries on head CT (ALERT-TBI): a multicentre observational study. Lancet Neurology, The, 2018, 17, 782-789.	4.9	330
11	Clinical Laboratory Practice Recommendations for the Use of Cardiac Troponin in Acute Coronary Syndrome: Expert Opinion from the Academy of the American Association for Clinical Chemistry and the Task Force on Clinical Applications of Cardiac Bio-Markers of the International Federation of Clinical Chemistry and Laboratory Medicine. Clinical Chemistry, 2018, 64, 645-655.	1.5	327
12	Age- and Sex-Dependent Upper Reference Limits for the High-Sensitivity Cardiac Troponin T Assay. Journal of the American College of Cardiology, 2014, 63, 1441-1448.	1.2	303
13	Multicenter Evaluation of a 0-Hour/1-Hour Algorithm in the Diagnosis of Myocardial Infarction With High-Sensitivity Cardiac Troponin T. Annals of Emergency Medicine, 2016, 68, 76-87.e4.	0.3	294
14	Multicenter evaluation of the Roche NT-proBNP assay and comparison to the Biosite Triage BNP assay. Clinica Chimica Acta, 2003, 338, 107-115.	0.5	276
15	Value of Serial Troponin T Measures for Early and Late Risk Stratification in Patients With Acute Coronary Syndromes. Circulation, 1998, 98, 1853-1859.	1.6	259
16	National Academy of Clinical Biochemistry Laboratory Medicine Practice Guidelines: Use of Cardiac Troponin and B-Type Natriuretic Peptide or N-Terminal proB-Type Natriuretic Peptide for Etiologies Other than Acute Coronary Syndromes and Heart Failure. Clinical Chemistry, 2007, 53, 2086-2096.	1.5	239
17	Shifting the open-artery hypothesis downstream: the quest for optimal reperfusion. Journal of the American College of Cardiology, 2001, 37, 9-18.	1.2	235
18	National Academy of Clinical Biochemistry Laboratory Medicine Practice Guidelines: Clinical Utilization of Cardiac Biomarker Testing in Heart Failure. Circulation, 2007, 116, e99-109.	1.6	234

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19	Influence of Population Selection on the 99th Percentile Reference Value for Cardiac Troponin Assays. Clinical Chemistry, 2012, 58, 219-225.	1.5	230
20	National Academy of Clinical Biochemistry and IFCC Committee for Standardization of Markers of Cardiac Damage Laboratory Medicine Practice Guidelines: Analytical Issues for Biochemical Markers of Acute Coronary Syndromes. Circulation, 2007, 115, e352-5.	1.6	211
21	Roadmap for Harmonization of Clinical Laboratory Measurement Procedures. Clinical Chemistry, 2011, 57, 1108-1117.	1.5	192
22	National Academy of Clinical Biochemistry and IFCC Committee for Standardization of Markers of Cardiac Damage Laboratory Medicine Practice Guidelines: Analytical Issues for Biochemical Markers of Acute Coronary Syndromes. Clinical Chemistry, 2007, 53, 547-551.	1.5	188
23	Increases of Cardiac Troponin in Conditions other than Acute Coronary Syndrome and Heart Failure. Clinical Chemistry, 2009, 55, 2098-2112.	1.5	187
24	Quality Specifications for B-Type Natriuretic Peptide Assays. Clinical Chemistry, 2005, 51, 486-493.	1.5	181
25	A rapid B-type natriuretic peptide assay accurately diagnoses left ventricular dysfunction and heart failure: A multicenter evaluation. American Heart Journal, 2002, 144, 834-839.	1.2	172
26	Simultaneous Rapid Measurement of Whole Blood Myoglobin, Creatine Kinase MB, and Cardiac Troponin I by the Triage Cardiac Panel for Detection of Myocardial Infarction. Clinical Chemistry, 1999, 45, 199-205.	1.5	171
27	Copeptin Helps in the Early Detection of Patients With Acute Myocardial Infarction. Journal of the American College of Cardiology, 2013, 62, 150-160.	1.2	153
28	High-Sensitive Cardiac Troponin T as an Early Biochemical Signature for Clinical and Subclinical Heart Failure. Circulation, 2017, 135, 1494-1505.	1.6	143
29	Improving the Care of Patients with Non-ST-elevation Acute Coronary Syndromes in the Emergency Department: The CRUSADE Initiative. Academic Emergency Medicine, 2002, 9, 1146-1155.	0.8	137
30	N-Terminal Proâ€"B-Type Natriuretic Peptide in the Emergency Department. Journal of the American College of Cardiology, 2018, 71, 1191-1200.	1.2	136
31	B-Type natriuretic peptide and N-terminal pro B-type natriuretic peptide are depressed in obesity despite higher left ventricular end diastolic pressures. American Heart Journal, 2006, 152, 1071-1076.	1.2	135
32	Validation of the 99th Percentile Cutoff Independent of Assay Imprecision (CV) for Cardiac Troponin Monitoring for Ruling Out Myocardial Infarction. Clinical Chemistry, 2005, 51, 2198-2200.	1.5	123
33	Biochemical markers of the acute coronary syndromes. Clinical Chemistry, 1998, 44, 1855-1864.	1.5	121
34	Dynamic Cardiovascular Risk Assessment in Elderly People. Journal of the American College of Cardiology, 2010, 55, 441-450.	1.2	113
35	Effectiveness of practices to reduce blood culture contamination: A Laboratory Medicine Best Practices systematic review and meta-analysis. Clinical Biochemistry, 2012, 45, 999-1011.	0.8	112
36	Risk Factors Associated With SARS-CoV-2 Seropositivity Among US Health Care Personnel. JAMA Network Open, 2021, 4, e211283.	2.8	112

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37	Standardization of Cardiac Troponin I Assays: Round Robin of Ten Candidate Reference Materials. Clinical Chemistry, 2001, 47, 431-437.	1.5	106
38	Physical Activity, Change in Biomarkers of Myocardial Stress and Injury, and Subsequent Heart Failure Risk in Older Adults. Journal of the American College of Cardiology, 2012, 60, 2539-2547.	1.2	106
39	Recommendations for Institutions Transitioning to High-Sensitivity Troponin Testing. Journal of the American College of Cardiology, 2019, 73, 1059-1077.	1.2	103
40	Amino Terminal Proâ€"B-Type Natriuretic Peptide, Secondary Stroke Prevention, and Choice of Antithrombotic Therapy. Stroke, 2013, 44, 714-719.	1.0	101
41	High-Sensitivity Troponin T and N-Terminal Pro-B-Type Natriuretic Peptide (NT-proBNP) and Risk of Incident Heart Failure in Patients with CKD. Journal of the American Society of Nephrology: JASN, 2015, 26, 946-956.	3.0	101
42	Diagnostic and prognostic implications using age- and gender-specific cut-offs for high-sensitivity cardiac troponin T â€" Sub-analysis from the TRAPID-AMI study. International Journal of Cardiology, 2016, 209, 26-33.	0.8	101
43	Impact of Renal Disease on Natriuretic Peptide Testing for Diagnosing Decompensated Heart Failure and Predicting Mortality. Clinical Chemistry, 2007, 53, 1511-1519.	1.5	93
44	Multicenter Clinical and Analytical Evaluation of the AxSYM Troponin-I Immunoassay to Assist in the Diagnosis of Myocardial Infarction. Clinical Chemistry, 1999, 45, 206-212.	1.5	89
45	Toward Standardization of Cardiac Troponin I Measurements Part II: Assessing Commutability of Candidate Reference Materials and Harmonization of Cardiac Troponin I Assays. Clinical Chemistry, 2006, 52, 1685-1692.	1.5	84
46	Prognostic Utility of ST2 in Patients with Acute Dyspnea and Preserved Left Ventricular Ejection Fraction. Clinical Chemistry, 2011, 57, 874-882.	1.5	81
47	Sex-Specific 99th Percentile Upper Reference Limits for High Sensitivity Cardiac Troponin Assays Derived Using a Universal Sample Bank. Clinical Chemistry, 2020, 66, 434-444.	1.5	80
48	National Academy of Clinical Biochemistry and IFCC Committee for Standardization of Markers of Cardiac Damage Laboratory Medicine Practice Guidelines: Analytical Issues for Biomarkers of Heart Failure. Circulation, 2007, 116, e95-8.	1.6	79
49	Myocardial Infarction Risk Stratification With a Single Measurement of High-Sensitivity Troponin I. Journal of the American College of Cardiology, 2019, 74, 271-282.	1.2	75
50	Standardisation of cardiac troponin I measurement: past and present. Pathology, 2010, 42, 402-408.	0.3	68
51	Troponin T and quantitative ST-segment depression offer complementary prognostic information in the risk stratification of acute coronary syndrome patients. Journal of the American College of Cardiology, 2003, 41, 371-380.	1.2	67
52	Soluble ST2 for Prediction of Heart Failure and Cardiovascular Death in an Elderly, Communityâ€Dwelling Population. Journal of the American Heart Association, 2016, 5, .	1.6	67
53	Amino-Terminal Proâ€"B-Type Natriuretic Peptide: Analytic Considerations. American Journal of Cardiology, 2008, 101, S9-S15.	0.7	66
54	The Use of Very Low Concentrations of Highâ€sensitivity Troponin T to Rule Out Acute Myocardial Infarction Using a Single Blood Test. Academic Emergency Medicine, 2016, 23, 1004-1013.	0.8	64

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55	National Academy of Clinical Biochemistry Laboratory Medicine Practice Guidelines: Clinical Utilization of Cardiac Biomarker Testing in Heart Failure. Clinical Biochemistry, 2008, 41, 210-221.	0.8	61
56	Elecsys® Total-Tau and Phospho-Tau (181P) CSF assays: Analytical performance of the novel, fully automated immunoassays for quantification of tau proteins in human cerebrospinal fluid. Clinical Biochemistry, 2019, 72, 30-38.	0.8	60
57	Prodromal unstable angina in acute myocardial infarction: Prognostic value of short- and long-term outcome and predictor of infarct size. American Heart Journal, 2000, 140, 126-133.	1.2	58
58	Relation of temporal creatine kinase-MB release and outcome after thrombolytic therapy for acute myocardial infarctionâˆ'âˆ'A complete list of the TAMI Study Group appears in J Am Coll Cardiol 1992;19:482â€"489.. American Journal of Cardiology, 2000, 85, 543-547.	0.7	57
59	Cardiac markers of acute coronary syndromes: is there a case for point-of-care testing?. Clinical Biochemistry, 2002, 35, 13-27.	0.8	56
60	Older Adults, â€œMalignantâ€•Left VentricularÂHypertrophy, and Associated Cardiac-Specific Biomarker Phenotypes toÂIdentify the Differential Risk of New-OnsetÂReduced Versus PreservedÂEjectionÂFraction Heart Failure. JACC: Heart Failure, 2015, 3, 445-455.	1.9	56
61	Cardiac point of care testing: A focused review of current National Academy of Clinical Biochemistry guidelines and measurement platforms. Clinical Biochemistry, 2009, 42, 150-157.	0.8	53
62	Laboratory Medicine Best Practices: Systematic Evidence Review and Evaluation Methods for Quality Improvement. Clinical Chemistry, 2011, 57, 816-825.	1.5	53
63	Effectiveness of barcoding for reducing patient specimen and laboratory testing identification errors: A Laboratory Medicine Best Practices systematic review and meta-analysis. Clinical Biochemistry, 2012, 45, 988-998.	0.8	53
64	Predictive Value of Depressive Symptoms and B-Type Natriuretic Peptide for New-Onset Heart Failure and Mortality. American Journal of Cardiology, 2011, 107, 723-729.	0.7	51
65	Longitudinal Change in Galectin-3 and Incident Cardiovascular Outcomes. Journal of the American College of Cardiology, 2018, 72, 3246-3254.	1.2	51
66	Leveraging the real value of laboratory medicine with the value proposition. Clinica Chimica Acta, 2016, 462, 183-186.	0.5	50
67	Analysis of the Albumin Cobalt Binding (ACBâ„¢) Test as an Adjunct to Cardiac Troponin I for the Early Detection of Acute Myocardial Infarction. Cardiovascular Toxicology, 2001, 1, 147-152.	1.1	49
68	Performance of Novel High-Sensitivity Cardiac Troponin I Assays for 0/1-Hour and 0/2- to 3-Hour Evaluations for Acute Myocardial Infarction: Results From the HIGH-US Study. Annals of Emergency Medicine, 2020, 76, 1-13.	0.3	49
69	Cardiac biomarkers in heart failure. Clinical Biochemistry, 2014, 47, 327-337.	0.8	48
70	Standardization of troponin I measurements: an update. Clinical Chemistry and Laboratory Medicine, 2008, 46, 1501-6.	1.4	47
71	The Effects of Four Doses of Vitamin D Supplements on Falls in Older Adults. Annals of Internal Medicine, 2021, 174, 145-156.	2.0	47
72	Stratus® CS cardiac troponin I method: performance characteristics including imprecision at low concentrations. Clinical Biochemistry, 2004, 37, 679-683.	0.8	46

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73	Evidence-based laboratory medicine - a guide for critical evaluation of in vitro laboratory testing. Annals of Clinical Biochemistry, 2007, 44, 111-130.	0.8	45
74	Galectin 3 complements BNP in risk stratification in acute heart failure. Biomarkers, 2012, 17, 706-713.	0.9	45
75	Analytical and assay issues for use of cardiac troponin testing for risk stratification in primary care. Clinical Biochemistry, 2013, 46, 969-978.	0.8	45
76	Unique metabolomic signature associated with hepatorenal dysfunction and mortality in cirrhosis. Translational Research, 2018, 195, 25-47.	2.2	43
77	Cross-sectional Analysis of AGE-CML, sRAGE, and esRAGE with Diabetes and Cardiometabolic Risk Factors in a Community-Based Cohort. Clinical Chemistry, 2017, 63, 980-989.	1.5	42
78	Traditional Risk Factors Versus Biomarkers for Prediction of Secondary Events in Patients With Stable Coronary Heart Disease: From the Heart and Soul Study. Journal of the American Heart Association, 2015, 4, .	1.6	41
79	Temporal Creatine Kinase Curves in Acute Myocardial Infarction:<i>Implications of a Good Empiric Fit With the Log-Normal Function</i>. American Journal of Clinical Pathology, 1993, 100, 293-298.	0.4	39
80	Diagnostic Performance of High-Sensitivity Cardiac Troponin T Strategies and Clinical Variables in a Multisite US Cohort. Circulation, 2021, 143, 1659-1672.	1.6	39
81	The Characteristics and Prognostic Importance of NT-ProBNP Concentrations in Critically Ill Patients. American Journal of Medicine, 2007, 120, 1071-1077.	0.6	38
82	Long-Term Trajectory of Two Unique Cardiac Biomarkers and Subsequent Left Ventricular Structural Pathology and Risk of Incident Heart Failure in Community-Dwelling Older Adults at Low Baseline Risk. JACC: Heart Failure, 2013, 1, 353-360.	1.9	38
83	Lipoprotein Biomarkers and Risk of Cardiovascular Disease: A Laboratory Medicine Best Practices (LMBP) Systematic Review. journal of applied laboratory medicine, The, 2016, 1, 214-229.	0.6	38
84	Impact of Increased Body Mass Index on Accuracy of B-Type Natriuretic Peptide (BNP) and N-Terminal proBNP for Diagnosis of Decompensated Heart Failure and Prediction of All-Cause Mortality. Clinical Chemistry, 2010, 56, 633-641.	1.5	35
85	An Automated Assay for Growth Differentiation Factor 15. journal of applied laboratory medicine, The, 2017, 1, 510-521.	0.6	35
86	Effectiveness of automated notification and customer service call centers for timely and accurate reporting of critical values: A laboratory medicine best practices systematic review and meta-analysis. Clinical Biochemistry, 2012, 45, 979-987.	0.8	34
87	Prognostic Significance of High-Sensitivity Cardiac Troponin T Concentrations between the Limit of Blank and Limit of Detection in Community-Dwelling Adults: A Metaanalysis. Clinical Chemistry, 2015, 61, 1524-1531.	1.5	34
88	Effects of Diet and Sodium Reduction on Cardiac Injury, Strain, and Inflammation. Journal of the American College of Cardiology, 2021, 77, 2625-2634.	1.2	34
89	Evaluation of standardization capability of current cardiac troponin I assays by a correlation study: results of an IFCC pilot project. Clinical Chemistry and Laboratory Medicine, 2015, 53, 677-90.	1.4	33
90	Serial Sampling of High-Sensitivity Cardiac Troponin T May Not Be Required for Prediction of Acute Myocardial Infarction Diagnosis in Chest Pain Patients with Highly Abnormal Concentrations at Presentation. Clinical Chemistry, 2017, 63, 542-551.	1.5	33

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91	Biomarkers Enhance Discrimination and Prognosis of Type 2 Myocardial Infarction. Circulation, 2020, 142, 1532-1544.	1.6	31
92	Prognostic significance of active and modified forms of endothelin 1 in patients with heart failure with reduced ejection fraction. Clinical Biochemistry, 2015, 48, 292-296.	0.8	28
93	Validation of high-sensitivity performance for a United States Food and Drug Administration cleared cardiac troponin I assay. Clinical Biochemistry, 2018, 56, 4-10.	0.8	28
94	Lack of Diagnostic and Prognostic Utility of Circulating Plasma Myeloperoxidase Concentrations in Patients Presenting with Dyspnea. Clinical Chemistry, 2009, 55, 59-67.	1.5	27
95	Multicenter evaluation of analytical characteristics of the Elecsys® Periostin immunoassay. Clinical Biochemistry, 2017, 50, 139-144.	0.8	27
96	B-type natriuretic peptide: physiologic role and assay characteristics. Heart Failure Reviews, 2003, 8, 315-320.	1.7	26
97	The Role of Cardiac Biomarkers in the Diagnosis and Management of Patients Presenting with Suspected Acute Coronary Syndrome. Annals of Laboratory Medicine, 2013, 33, 309-318.	1.2	26
98	Compensated Interferometry Measures of CYFRA 21–1 Improve Diagnosis of Lung Cancer. ACS Combinatorial Science, 2019, 21, 465-472.	3.8	26
99	Galectin–3 and Risk of Heart Failure and Death in Blacks and Whites. Journal of the American Heart Association, 2016, 5, .	1.6	25
100	Subclinical myocyte injury, fibrosis and strain in relationship to coronary plaque in asymptomatic HIV-infected individuals. Aids, 2016, 30, 2205-2214.	1.0	25
101	"Malignant" Left Ventricular Hypertrophy Identifies Subjects at High Risk for Progression to Asymptomatic Left Ventricular Dysfunction, Heart Failure, and Death: MESA (Multi–Ethnic Study of) Tj ETQq1 1 0.784314 rgBT /Overlb	0.7	25
102	Combined testing of copeptin and high-sensitivity cardiac troponin T at presentation in comparison to other algorithms for rapid rule-out of acute myocardial infarction. International Journal of Cardiology, 2019, 276, 261-267.	0.8	25
103	All About Albumin: Biochemistry, Genetics, and Medical Applications. Theodore Peters, Jr. San Diego, CA: Academic Press, 1996, 432 pp, $85.00. ISBN 0-12-552110-3. Clinical Chemistry, 1997, 43, 2014a-2015.	1.5	25
104	National Academy of Clinical Biochemistry and IFCC Committee for Standardization of Markers of Cardiac Damage Laboratory Medicine Practice Guidelines: Analytical Issues for Biomarkers of Heart Failure. Clinical Biochemistry, 2008, 41, 222-226.	0.8	24
105	Point: Put Simply, Standardization of Cardiac Troponin I Is Complicated. Clinical Chemistry, 2012, 58, 165-168.	1.5	24
106	Prognostic implications of creatine kinase–MB measurements in ST-segment elevation myocardial infarction patients treated with primary percutaneous coronary intervention. American Heart Journal, 2014, 168, 503-511.e2.	1.2	24
107	Diagnostic performance of cardiac Troponin I for early rule-in and rule-out of acute myocardial infarction: Results of a prospective multicenter trial. Clinical Biochemistry, 2015, 48, 254-259.	0.8	24
108	Impact of moderate physical activity on the longitudinal trajectory of a cardiac specific biomarker of injury: Results from a randomized pilot study of exercise intervention. American Heart Journal, 2016, 179, 151-156.	1.2	24

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109	Estimation of Glomerular Filtration Rate in Patients With Cirrhosis by Using New and Conventional Filtration Markers andÂDimethylarginines. Clinical Gastroenterology and Hepatology, 2016, 14, 624-632.e2.	2.4	24
110	Comparison of 13 Commercially Available Cardiac Troponin Assays in a Multicenter North American Study. journal of applied laboratory medicine, The, 2017, 1, 544-561.	0.6	24
111	National Academy of Clinical Biochemistry Laboratory Medicine Practice Guidelines for Utilization of Biochemical Markers in Acute Coronary Syndromes and Heart Failure. Clinical Chemistry, 2007, 53, 545-546.	1.5	23
112	Sensitive and high sensitivity next generation cardiac troponin assays: more than just a name. Pathology, 2011, 43, 213-219.	0.3	23
113	Trends in Use of Biomarker Protocols for the Evaluation of Possible Myocardial Infarction. Journal of the American Heart Association, 2017, 6, .	1.6	23
114	Cystatin C Is a Gender-Neutral Glomerular Filtration Rate Biomarker in Patients with Cirrhosis. Digestive Diseases and Sciences, 2018, 63, 665-675.	1.1	23
115	Plasma EGFR mutation testing in non-small cell lung cancer: A value proposition. Clinica Chimica Acta, 2019, 495, 481-486.	0.5	23
116	Multicenter study of Abbott AxSYMÂ® Digoxin II assay and comparison with 6 methods for susceptibility to digoxin-like immunoreactive factors. Clinical Chemistry, 1997, 43, 1635-1640.	1.5	22
117	Methodological and Analytic Considerations for Blood Biomarkers. Progress in Cardiovascular Diseases, 2012, 55, 25-33.	1.6	22
118	Rationale and design of the Study To Understand Fall Reduction and Vitamin D in You (STURDY): A randomized clinical trial of Vitamin D supplement doses for the prevention of falls in older adults. Contemporary Clinical Trials, 2018, 73, 111-122.	0.8	22
119	Lecithin cholesterol acyltransferase in human cerebrospinal fluid: reduced level in patients with multiple sclerosis and evidence of direct synthesis in the brain. International Journal of Clinical and Laboratory Research, 1992, 22, 169-172.	1.0	21
120	Evidence based approach to practice guides and decision thresholds for cardiac markers. Scandinavian Journal of Clinical and Laboratory Investigation, 1999, 59, 90-102.	0.6	21
121	Absolute and relative changes (delta) in troponin I for early diagnosis of myocardial infarction: Results of a prospective multicenter trial. Clinical Biochemistry, 2015, 48, 260-267.	0.8	21
122	Standardization of immunoassays for measurement of myoglobin in serum. Phase I: Evaluation of candidate secondary reference materials. Clinica Chimica Acta, 2004, 341, 65-72.	0.5	20
123	Effectiveness of practices for improving the diagnostic accuracy of Non ST Elevation Myocardial Infarction in the Emergency Department: A Laboratory Medicine Best Practicesâ„¢ systematic review. Clinical Biochemistry, 2015, 48, 204-212.	0.8	20
124	Creation of a Universal Sample Bank for Determining the 99th Percentile for Cardiac Troponin Assays. journal of applied laboratory medicine, The, 2017, 1, 711-719.	0.6	20
125	Ultrarapid Rule-out for Acute Myocardial Infarction Using the Generation 5 Cardiac Troponin T Assay: Results From the REACTION-US Study. Annals of Emergency Medicine, 2018, 72, 654-664.	0.3	20
126	Clinical performance characteristics of a new photometric lithium assay: a multicenter study. Clinica Chimica Acta, 2003, 327, 157-164.	0.5	19

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127	Echocardiographic assessment of insulin-like growth factor binding protein-7 and early identification of acute heart failure. ESC Heart Failure, 2020, 7, 1664-1675.	1.4	19
128	Relationship of visceral and subcutaneous adipose depots to markers of arterial injury and inflammation among individuals with HIV. Aids, 2019, 33, 229-236.	1.0	18
129	Healthy diet reduces markers of cardiac injury and inflammation regardless of macronutrients: Results from the OmniHeart trial. International Journal of Cardiology, 2020, 299, 282-288.	0.8	18
130	Associations Between Dietary Patterns and Subclinical Cardiac Injury. Annals of Internal Medicine, 2020, 172, 786-794.	2.0	18
131	Donor-Derived Cell-Free DNA Testing in Solid Organ Transplantation: A Value Proposition. journal of applied laboratory medicine, The, 2020, 5, 993-1004.	0.6	18
132	Glycated Albumin for the Diagnosis of Diabetes in US Adults. Clinical Chemistry, 2022, 68, 413-421.	1.5	18
133	Cardiac biomarkers â€" A short biography. Clinical Biochemistry, 2015, 48, 197-200.	0.8	17
134	What is the value of B-type natriuretic peptide testing for diagnosis, prognosis or monitoring of critically ill adult patients in intensive care?. Clinical Chemistry and Laboratory Medicine, 2008, 46, 1524-32.	1.4	16
135	Troponin I and NT-proBNP and the Association of Systolic BloodÂPressure With Outcomes in Incident Hemodialysis Patients: TheÂChoices for Healthy Outcomes in Caring for ESRDÂ(CHOICE)ÂStudy. American Journal of Kidney Diseases, 2014, 64, 443-451.	2.1	16
136	The Era for High-Sensitivity Cardiac Troponin Has Begun in the US (Finally). journal of applied laboratory medicine, The, 2017, 2, 1-3.	0.6	16
137	Upper Reference Limits for High-Sensitivity Cardiac Troponin T and N-Terminal Fragment of the Prohormone Brain Natriuretic Peptide in Patients With CKD. American Journal of Kidney Diseases, 2022, 79, 383-392.	2.1	15
138	Glycated Albumin and Risk of Mortality in the US Adult Population. Clinical Chemistry, 2022, 68, 422-430.	1.5	15
139	Brief Report: Statin Effects on Myocardial Fibrosis Markers in People Living With HIV. Journal of Acquired Immune Deficiency Syndromes (1999), 2018, 78, 105-110.	0.9	14
140	High-sensitivity troponin T in preterm infants with a hemodynamically significant patent ductus arteriosus. Journal of Perinatology, 2018, 38, 1483-1489.	0.9	14
141	Predictive Performance of Traumatic Brain Injury Biomarkers in High-Risk Elderly Patients. journal of applied laboratory medicine, The, 2020, 5, 91-100.	0.6	14
142	Stability of B-type natriuretic peptide (BNP) in whole blood and plasma stored under different conditions when measured with the Biosite Triage or Beckman-Coulter Access systems. Clinica Chimica Acta, 2007, 384, 176-178.	0.5	13
143	Heart failure biomarkers at point-of-care: current utilization and future potential. Expert Review of Molecular Diagnostics, 2014, 14, 185-197.	1.5	13
144	Rationale and design of the ICON-RELOADED study: International Collaborative of N-terminal proâ€"B-type Natriuretic Peptide Re-evaluation of Acute Diagnostic Cut-Offs in the Emergency Department. American Heart Journal, 2017, 192, 26-37.	1.2	13

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145	Trial design for assessing analytical and clinical performance of high-sensitivity cardiac troponin I assays in the United States: The HIGH-US study. Contemporary Clinical Trials Communications, 2019, 14, 100337.	0.5	13
146	Diagnostic and Prognostic Utilities of Insulin-Like Growth Factor Binding Protein-7 in Patients With Dyspnea. JACC: Heart Failure, 2020, 8, 415-422.	1.9	13
147	Post-discharge changes in NT-proBNP and quality of life after acute dyspnea hospitalization as predictors of one-year outcomes. Clinical Biochemistry, 2010, 43, 1405-1410.	0.8	12
148	Pivotal findings for a high-sensitivity cardiac troponin assay: Results of the HIGH-US study. Clinical Biochemistry, 2020, 78, 32-39.	0.8	12
149	Development of a candidate secondary reference procedure (immunoassay based measurement) Tj ETQq1 1 0.784314 rgBT /Overlock preliminary validation. Clinical Chemistry and Laboratory Medicine, 2010, 48, 1603-10.	1.4	11
150	Ask the right question: a critical step for practicing evidence-based laboratory medicine. Annals of Clinical Biochemistry, 2013, 50, 306-314.	0.8	11
151	Evolving Role of Galectin-3 as a CardiacÂBiomarker. JACC: Heart Failure, 2015, 3, 253-256.	1.9	11
152	Associations Between Cardiac Biomarkers and Cardiac Structure and Function in CKD. Kidney International Reports, 2020, 5, 1052-1060.	0.4	11
153	Point-of-Care: Roadmap for Analytical Characterization and Validation of a High-Sensitivity Cardiac Troponin I Assay in Plasma and Whole Blood Matrices. journal of applied laboratory medicine, The, 2022, 7, 971-988.	0.6	11
154	Differentiating type 1 and 2 acute myocardial infarctions using the N-terminal pro B-type natriuretic peptide/cardiac troponin T ratio. American Journal of Emergency Medicine, 2018, 36, 1849-1854.	0.7	10
155	Associations of microvascular dysfunction with cardiovascular outcomes: The cardiac, endothelial function and arterial stiffness in ESRD (CERES) cohort. Hemodialysis International, 2019, 23, 58-68.	0.4	10
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157	Validation of COVID-19 serologic tests and large scale screening of asymptomatic healthcare workers. Clinical Biochemistry, 2021, 90, 23-27.	0.8	10
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