Peter A Kavsak

List of Publications by Year
in descending order

239 papers	8,678 citations	94415 37 h-index	49904 87 g-index
241 all docs	241 docs citations	241 times ranked	7785 citing authors

#	Article	IF	Citations
1	Smad7 Binds to Smurf2 to Form an E3 Ubiquitin Ligase that Targets the TGFÎ² Receptor for Degradation. Molecular Cell, 2000, 6, 1365-1375.	9.7	1,219
2	A SMAD ubiquitin ligase targets the BMP pathway and affects embryonic pattern formation. Nature, 1999, 400, 687-693.	27.8	762
3	Myocardial Injury after Noncardiac Surgery. Anesthesiology, 2014, 120, 564-578.	2.5	740
4	Association of Postoperative High-Sensitivity Troponin Levels With Myocardial Injury and 30-Day Mortality Among Patients Undergoing Noncardiac Surgery. JAMA - Journal of the American Medical Association, 2017, 317, 1642.	7.4	579
5	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.	3.2	327
6	TGF-Î² induces assembly of a Smad2â€“Smurf2 ubiquitin ligase complex that targets SnoN for degradation. Nature Cell Biology, 2001, 3, 587-595.	10.3	297
7	Regulation of Smurf2 Ubiquitin Ligase Activity by Anchoring the E2 to the HECT Domain. Molecular Cell, 2005, 19, 297-308.	9.7	250
8	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. New England Journal of Medicine, 2019, 380, 2529-2540.	27.0	230
9	Association of High-Sensitivity Cardiac Troponin I Concentration With Cardiac Outcomes in Patients With Suspected Acute Coronary Syndrome. JAMA - Journal of the American Medical Association, 2017, 318, 1913.	7.4	188
10	Assessing the Requirement for the 6-Hour Interval between Specimens in the American Heart Association Classification of Myocardial Infarction in Epidemiology and Clinical Research Studies. Clinical Chemistry, 2006, 52, 812-818.	3.2	179
11	Analytic and Clinical Utility of a Next-Generation, Highly Sensitive Cardiac Troponin I Assay for Early Detection of Myocardial Injury. Clinical Chemistry, 2009, 55, 573-577.	3.2	165
12	Plasma IL-6 and IL-10 Concentrations Predict AKI and Long-Term Mortality in Adults after Cardiac Surgery. Journal of the American Society of Nephrology: JASN, 2015, 26, 3123-3132.	6.1	144
13	Assessment of the European Society of Cardiology 0-Hour/1-Hour Algorithm to Rule-Out and Rule-In Acute Myocardial Infarction. Circulation, 2016, 134, 1532-1541.	1.6	111
14	Preoperative N-Terminal Proâ€“B-Type Natriuretic Peptide and Cardiovascular Events After Noncardiac Surgery. Annals of Internal Medicine, 2020, 172, 96.	3.9	99
15	Short- and Long-Term Risk Stratification Using a Next-Generation, High-Sensitivity Research Cardiac Troponin I (hs-cTnI) Assay in an Emergency Department Chest Pain Population. Clinical Chemistry, 2009, 55, 1809-1815.	3.2	88
16	High sensitivity troponin T concentrations in patients undergoing noncardiac surgery: A prospective cohort study. Clinical Biochemistry, 2011, 44, 1021-1024.	1.9	84
17	Validation of presentation and 3â€…h high-sensitivity troponin to rule-in and rule-out acute myocardial infarction. Heart, 2016, 102, 1270-1278.	2.9	82
18	The impact of the ESC/ACC redefinition of myocardial infarction and new sensitive troponin assays on the frequency of acute myocardial infarction. American Heart Journal, 2006, 152, 118-125.	2.7	79

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19	High-Sensitivity Cardiac Troponin I Measurement for Risk Stratification in a Stable High-Risk Population. Clinical Chemistry, 2011, 57, 1146-1153.	3.2	78
20	High-Sensitivity Troponin I after Cardiac Surgery and 30-Day Mortality. New England Journal of Medicine, 2022, 386, 827-836.	27.0	69
21	Long-Term Health Outcomes Associated with Detectable Troponin I Concentrations. Clinical Chemistry, 2007, 53, 220-227.	3.2	67
22	Effects of contemporary troponin assay sensitivity on the utility of the early markers myoglobin and CKMB isoforms in evaluating patients with possible acute myocardial infarction. Clinica Chimica Acta, 2007, 380, 213-216.	1.1	63
23	Variability and Error in Cardiac Troponin Testing. American Journal of Clinical Pathology, 2017, 148, 281-295.	0.7	63
24	Interleukin-6 and interleukin-10 as acute kidney injury biomarkers in pediatric cardiac surgery. Pediatric Nephrology, 2015, 30, 1519-1527.	1.7	62
25	Relationship of Kidney Injury Biomarkers with Long-Term Cardiovascular Outcomes after Cardiac Surgery. Journal of the American Society of Nephrology: JASN, 2017, 28, 3699-3707.	6.1	59
26	Risk Stratification for Heart Failure and Death in an Acute Coronary Syndrome Population Using Inflammatory Cytokines and N-Terminal Pro-Brain Natriuretic Peptide. Clinical Chemistry, 2007, 53, 2112-2118.	3.2	55
27	Cardiac Biomarkers and Acute Kidney Injury After Cardiac Surgery. Pediatrics, 2015, 135, e945-e956.	2.1	53
28	Plasma Monocyte Chemotactic Protein-1 Is Associated With Acute Kidney Injury and Death After Cardiac Operations. Annals of Thoracic Surgery, 2017, 104, 613-620.	1.3	52
29	Elevated C-reactive protein in acute coronary syndrome presentation is an independent predictor of long-term mortality and heart failure. Clinical Biochemistry, 2007, 40, 326-329.	1.9	49
30	Acceptable Analytical Variation May Exceed High-Sensitivity Cardiac Troponin I Cutoffs in Early Rule-Out and Rule-In Acute Myocardial Infarction Algorithms. Clinical Chemistry, 2016, 62, 887-889.	3.2	47
31	Simulation Models of Misclassification Error for Single Thresholds of High-Sensitivity Cardiac Troponin I Due to Assay Bias and Imprecision. Clinical Chemistry, 2017, 63, 585-592.	3.2	46
32	Predicting myocardial infarction and other serious cardiac outcomes using high-sensitivity cardiac troponin T in a high-risk stable population. Clinical Biochemistry, 2013, 46, 5-9.	1.9	44
33	Total Analytic Error for Low Cardiac Troponin Concentrations (â‰10 ng/L) by Use of a High-Sensitivity Cardiac Troponin Assay. Clinical Chemistry, 2017, 63, 1043-1045.	3.2	42
34	High-Sensitivity Generation 5 Cardiac Troponin T Sex- and Age-Specific 99th Percentiles in the CALIPER Cohort of Healthy Children and Adolescents. Clinical Chemistry, 2019, 65, 589-591.	3.2	42
35	Macrocomplexes and discordant high-sensitivity cardiac troponin concentrations. Annals of Clinical Biochemistry, 2018, 55, 500-504.	1.6	41
36	A practical approach for the validation and clinical implementation of a high-sensitivity cardiac troponin I assay across a North American city. Practical Laboratory Medicine, 2015, 1, 28-34.	1.3	38

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37	Clinical chemistry score versus high-sensitivity cardiac troponin I and T tests alone to identify patients at low or high risk for myocardial infarction or death at presentation to the emergency department. Cmaj, 2018, 190, E974-E984.	2.0	38
38	Performance of the European Society of Cardiology 0/1-Hour, 0/2-Hour, and 0/3-Hour Algorithms for Rapid Triage of Acute Myocardial Infarction. Annals of Internal Medicine, 2022, 175, 101-113.	3.9	37
39	Increasing Cardiac Troponin Changes Measured by a Research High-Sensitivity Troponin I Assay: Absolute vs Percentage Changes and Long-Term Outcomes in a Chest Pain Cohort. Clinical Chemistry, 2010, 56, 1902-1904.	3.2	36
40	Rule-In and Rule-Out of Myocardial Infarction Using Cardiac Troponin and Glycemic Biomarkers in Patients with Symptoms Suggestive of Acute Coronary Syndrome. Clinical Chemistry, 2017, 63, 403-414.	3.2	36
41	Association of cardiac biomarkers with acute kidney injury after cardiac surgery: A multicenter cohort study. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 245-251.e4.	0.8	35
42	2007 Universal Myocardial Infarction Definition Change Criteria for Risk Stratification by Use of a High-Sensitivity Cardiac Troponin I Assay. Clinical Chemistry, 2010, 56, 487-489.	3.2	34
43	Cardiac troponin and natriuretic peptide analytical interferences from hemolysis and biotin: educational aids from the IFCC Committee on Cardiac Biomarkers (IFCC C-CB). Clinical Chemistry and Laboratory Medicine, 2019, 57, 633-640.	2.3	33
44	Implications of adjustment of high-sensitivity cardiac troponin T assay. Clinical Chemistry, 2013, 59, 574-576.	3.2	32
45	Undetectable Concentrations of a Food and Drug Administrationâ€“approved Highâ€sensitivity Cardiac Troponin T Assay to Rule Out Acute Myocardial Infarction at Emergency Department Arrival. Academic Emergency Medicine, 2017, 24, 1267-1277.	1.8	32
46	Incomplete pediatric reference intervals for the management of patients with inborn errors of metabolism. Clinical Biochemistry, 2006, 39, 595-599.	1.9	31
47	Cardiac troponin testing in the acute care setting: Ordering, reporting, and high sensitivity assaysâ€”An update from the Canadian society of clinical chemists (CSCC). Clinical Biochemistry, 2011, 44, 1273-1277.	1.9	30
48	Contemporary Emergency Department Management of Patients with Chest Pain: A Concise Review and Guide for the High-Sensitivity Troponin Era. Canadian Journal of Cardiology, 2018, 34, 98-108.	1.7	30
49	A randomized phase II study of cediranib alone versus cediranib in combination with dasatinib in docetaxel resistant, castration resistant prostate cancer patients. Investigational New Drugs, 2014, 32, 1005-1016.	2.6	29
50	Bleeding Independently associated with Mortality after noncardiac Surgery (BIMS): an international prospective cohort study establishing diagnostic criteria and prognostic importance. British Journal of Anaesthesia, 2021, 126, 163-171.	3.4	29
51	Assessing matrix, interferences and comparability between the Abbott Diagnostics and the Beckman Coulter high-sensitivity cardiac troponin I assays. Clinical Chemistry and Laboratory Medicine, 2018, 56, 1176-1181.	2.3	28
52	Getting Cardiac Troponin Right: Appraisal of the 2020 European Society of Cardiology Guidelines for the Management of Acute Coronary Syndromes in Patients Presenting without Persistent ST-Segment Elevation by the International Federation of Clinical Chemistry and Laboratory Medicine Committee on Clinical Applications of Cardiac Bio-Markers. Clinical Chemistry, 2021, 67, 730-735.	3.2	28
53	Comparative Evaluation of 2-Hour Rapid Diagnostic Algorithms for Acute Myocardial Infarction Using High-Sensitivity Cardiac Troponin T. Canadian Journal of Cardiology, 2017, 33, 1006-1012.	1.7	27
54	Evaluation of the Siemens ADVIA Centaur high-sensitivity cardiac troponin I assay in serum. Clinica Chimica Acta, 2018, 487, 216-221.	1.1	27

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55	PAPP-A as a marker of increased long-term risk in patients with chest pain. Clinical Biochemistry, 2009, 42, 1012-1018.	1.9	26
56	Perioperative heart-type fatty acid binding protein is associated with acute kidney injury after cardiac surgery. Kidney International, 2015, 88, 576-583.	5.2	25
57	Effect of Repeat Measurements of High-Sensitivity Cardiac Troponin on the Same Sample Using the European Society of Cardiology 0-Hour/1-Hour or 2-Hour Algorithms for Early Rule-Out and Rule-In for Myocardial Infarction. Clinical Chemistry, 2017, 63, 1163-1165.	3.2	25
58	Analytical comparison of three different versions of a high-sensitivity cardiac troponin I assay over 10 years. Clinica Chimica Acta, 2017, 475, 51-55.	1.1	25
59	Health Outcomes Categorized by Current and Previous Definitions of Acute Myocardial Infarction in an Unselected Cohort of Troponin-Naïˆve Emergency Department Patients. Clinical Chemistry, 2006, 52, 2028-2035.	3.2	24
60	Matrix and bilirubin interference for high-sensitivity cardiac troponin I. Clinica Chimica Acta, 2015, 442, 49-51.	1.1	24
61	Assessing Pneumatic Tube Systems with Patient-Specific Populations and Laboratory-Derived Criteria. Clinical Chemistry, 2012, 58, 792-795.	3.2	23
62	Cardiac Troponin Testing in Patients with COVID-19: A Strategy for Testing and Reporting Results. Clinical Chemistry, 2021, 67, 107-113.	3.2	23
63	Biomarkers for Predicting Serious Cardiac Outcomes at 72 Hours in Patients Presenting Early after Chest Pain Onset with Symptoms of Acute Coronary Syndromes. Clinical Chemistry, 2012, 58, 298-302.	3.2	22
64	Ninety-Minute vs 3-h Performance of High-Sensitivity Cardiac Troponin Assays for Predicting Hospitalization for Acute Coronary Syndrome. Clinical Chemistry, 2013, 59, 1407-1410.	3.2	22
65	High-Sensitivity Cardiac Troponin I for Predicting Death in a Female Emergency Department Population. Clinical Chemistry, 2014, 60, 271-273.	3.2	22
66	Emerging key laboratory tests for patients with COVID-19. Clinical Biochemistry, 2020, 81, 13-14.	1.9	22
67	Analytical factors to consider when assessing a high-sensitivity cardiac troponin I assay compared to a contemporary assay in clinical studies. Clinica Chimica Acta, 2014, 429, 6-7.	1.1	21
68	Educational Recommendations on Selected Analytical and Clinical Aspects of Natriuretic Peptides with a Focus on Heart Failure: A Report from the IFCC Committee on Clinical Applications of Cardiac Bio-Markers. Clinical Chemistry, 2019, 65, 1221-1227.	3.2	21
69	Rapid atrophy of cardiac left ventricular mass in patients with nonâ€small cell carcinoma of the lung. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 1070-1082.	7.3	21
70	Variability Between Reagent Lots for High-Sensitivity Cardiac Troponin I May Affect Performance of Early Rule Out Strategies. Canadian Journal of Cardiology, 2018, 34, 209.e5-209.e6.	1.7	21
71	Challenges of implementing Point-of-Care Testing (POCT) glucose meters in a pediatric acute care setting. Clinical Biochemistry, 2004, 37, 811-817.	1.9	20
72	Effect of freezeâ€“thaw and refrigeration conditions on high-sensitivity troponin T concentrations. Annals of Clinical Biochemistry, 2012, 49, 101-102.	1.6	20

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73	High-Sensitivity Cardiac Troponin Risk Cutoffs for Acute Cardiac Outcomes at Emergency Department Presentation. Canadian Journal of Cardiology, 2017, 33, 898-903.	1.7	20
74	Assessment of the 99th or 97.5th Percentile for Cardiac Troponin I in a Healthy Pediatric Cohort. Clinical Chemistry, 2014, 60, 1574-1576.	3.2	19
75	Profile of Rocheâ€™s Elecsys Troponin T Gen 5 STAT blood test (a high-sensitivity cardiac troponin assay) for diagnosing myocardial infarction in the emergency department. Expert Review of Molecular Diagnostics, 2018, 18, 481-489.	3.1	19
76	Pediatric Feeding and Swallowing Problems: An Interdisciplinary Team Approach. Canadian Journal of Dietetic Practice and Research, 2006, 67, 185-190.	0.6	18
77	Centrifugation â€" an important pre-analytical factor for the Abbott Architect high-sensitivity cardiac troponin I assay. Clinica Chimica Acta, 2014, 436, 273-275.	1.1	18
78	Performance of high-sensitivity cardiac troponin in the emergency department for myocardial infarction and a composite cardiac outcome across different estimated glomerular filtration rates. Clinica Chimica Acta, 2018, 479, 166-170.	1.1	17
79	Sample matrix and high-sensitivity cardiac troponin I assays. Clinical Chemistry and Laboratory Medicine, 2019, 57, 745-751.	2.3	17
80	Sex-specific, high-sensitivity cardiac troponin T cut-off concentrations for ruling out acute myocardial infarction with a single measurement. Canadian Journal of Emergency Medicine, 2019, 21, 26-33.	1.1	17
81	Canadian society of clinical chemists (CSCC) interim consensus guidance for testing and reporting of SARS-CoV-2 serology. Clinical Biochemistry, 2020, 86, 1-7.	1.9	17
82	Macrocomplexes and high-sensitivity cardiac troponin assays in samples stored for over 15Âyears. Clinica Chimica Acta, 2020, 505, 6-8.	1.1	17
83	Cytokine elevations in acute coronary syndrome and ovarian cancer: A mechanism for the up-regulation of the acute phase proteins in these different disease etiologies. Clinical Biochemistry, 2008, 41, 607-610.	1.9	16
84	Dichotomizing High-Sensitivity Cardiac Troponin T Results and Important Analytical Considerations. Journal of the American College of Cardiology, 2012, 59, 1570.	2.8	15
85	Using the clinical chemistry score in the emergency department to detect adverse cardiac events: a diagnostic accuracy study. CMAJ Open, 2020, 8, E676-E684.	2.4	15
86	High sensitivity cardiac troponin concentration cutoffsâ€"is a healthy population the right reference population for those with underlying cardiac disease?. Clinical Biochemistry, 2010, 43, 1037-1038.	1.9	14
87	Sex-specific cutoffs for cardiac troponin using high-sensitivity assays â€" Is there clinical equipoise?. Clinical Biochemistry, 2015, 48, 749-750.	1.9	14
88	Measurement of High-Sensitivity Cardiac Troponin in Pulmonary Embolism: Useful Test or a Clinical Distraction. Seminars in Thrombosis and Hemostasis, 2019, 45, 784-792.	2.7	14
89	Clinical evaluation of Ortho Clinical Diagnostics high-sensitivity cardiac Troponin I assay in patients with symptoms suggestive of acute coronary syndrome. Clinical Biochemistry, 2020, 80, 48-51.	1.9	14
90	Acute Phase Response and Non-Reproducible Elevated Concentrations with a High-Sensitivity Cardiac Troponin I Assay. Journal of Clinical Medicine, 2021, 10, 1014.	2.4	14

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91	Analytical assessment of ortho clinical diagnostics high-sensitivity cardiac troponin I assay. Clinical Chemistry and Laboratory Medicine, 2021, 59, 749-755.	2.3	14
92	â€œUpstream markersâ€•provide for early identification of patients at high risk for myocardial necrosis and adverse outcomes. Clinica Chimica Acta, 2008, 387, 133-138.	1.1	13
93	Is a Pattern of Increasing Biomarker Concentrations Important for Long-Term Risk Stratification in Acute Coronary Syndrome Patients Presenting Early after the Onset of Symptoms?. Clinical Chemistry, 2008, 54, 747-751.	3.2	13
94	Assessment of a four hour delay for urine samples stored without preservatives at room temperature for urinalysis. Clinical Biochemistry, 2012, 45, 856-858.	1.9	13
95	Comparison of hs-cTnI, hs-cTnT, hFABP and GPBB for identifying early adverse cardiac events in patients presenting within six hours of chest pain-onset. Clinica Chimica Acta, 2013, 419, 39-41.	1.1	13
96	The potential role of a turbidimetric heart-type fatty acid-binding protein assay to aid in the interpretation of persistently elevated, non-changing, cardiac troponin I concentrations. Clinical Biochemistry, 2018, 58, 53-59.	1.9	13
97	An approach to rule-out an acute cardiovascular event or death in emergency department patients using outcome-based cutoffs for high-sensitivity cardiac troponin assays and glucose. Clinical Biochemistry, 2015, 48, 282-287.	1.9	12
98	Comprehensive Age and Sex 99th Percentiles for a High-Sensitivity Cardiac Troponin I Assay. Clinical Chemistry, 2018, 64, 398-399.	3.2	12
99	Analytical validation of cardiac troponin I assays in horses. Journal of Veterinary Diagnostic Investigation, 2018, 30, 226-232.	1.1	12
100	External Quality Assessment Testing Near the Limit of Detection for High-Sensitivity Cardiac Troponin Assays. Clinical Chemistry, 2018, 64, 1402-1404.	3.2	12
101	Analytical characterization of the Siemens Dimension EXL high-sensitivity cardiac troponin I assay. Clinical Biochemistry, 2019, 69, 52-56.	1.9	12
102	Comparison of two biomarker only algorithms for early risk stratification in patients with suspected acute coronary syndrome. International Journal of Cardiology, 2020, 319, 140-143.	1.7	12
103	The International Committee of Medical Journal Editors proposal for sharing clinical trial data and the possible implications for the peer review process. Annals of Translational Medicine, 2016, 4, 115-115.	1.7	12
104	Identification of myocardial injury in the emergency setting. Clinical Biochemistry, 2010, 43, 539-544.	1.9	11
105	Within-run precision and outlier detection for the Abbott ARCHITECT cardiac troponin I assay. Annals of Clinical Biochemistry, 2014, 51, 512-514.	1.6	11
106	Statistical issues with the determination of the troponin 99th percentile â€“ Not just a problem for troponin?. Clinical Biochemistry, 2016, 49, 1105-1106.	1.9	11
107	Economic Considerations of Early Rule-In/Rule-Out Algorithms for The Diagnosis of Myocardial Infarction in The Emergency Department Using Cardiac Troponin and Glycemic Biomarkers. Clinical Chemistry, 2017, 63, 593-602.	3.2	11
108	Definitions of post-coronary artery bypass grafting myocardial infarction: variations in incidence and prognostic significance. European Journal of Cardio-thoracic Surgery, 2020, 57, 168-175.	1.4	11

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109	High-Sensitivity Cardiac Troponinâ€"Optimizing the Diagnosis of Acute Myocardial Infarction/Injury in Women (CODE-MI): Rationale and design for a multicenter, stepped-wedge, cluster-randomized trial. American Heart Journal, 2020, 229, 18-28.	2.7	11
110	An Approach to Investigating Discordant High-Sensitivity Cardiac Troponin I Results. Canadian Journal of Cardiology, 2020, 37, 1292-1293.	1.7	11
111	Caution When Using High-Sensitivity Cardiac Troponin I Assay to Rule Out Acute Ischemia: When the Delta to Rule In Is Within Analytical Variation. Canadian Journal of Cardiology, 2020, 36, 1161.e11-1161.e12.	1.7	11
112	Sex-Specific Kinetics of High-Sensitivity Cardiac Troponin I and T following Symptom Onset and Early Presentation in Non-ST-Segment Elevation Myocardial Infarction. Clinical Chemistry, 2021, 67, 321-324.	3.2	11
113	Independent and combined effects of biotin and hemolysis on high-sensitivity cardiac troponin assays. Clinical Chemistry and Laboratory Medicine, 2021, 59, 1431-1443.	2.3	11
114	Storage conditions, sample integrity, interferences, and a decision tool for investigating unusual high-sensitivity cardiac troponin results. Clinical Biochemistry, 2023, 115, 67-76.	1.9	11
115	Quality control material testing and the importance of â€œtreating it like a patient's sampleâ€• Clinical Biochemistry, 2014, 47, 147-149.	1.9	10
116	Multicenter comparison of imprecision at low concentrations of two regulatory approved high-sensitivity cardiac troponin I assays. Clinica Chimica Acta, 2018, 486, 219-220.	1.1	10
117	Clinical outcomes for chest pain patients discharged home from emergency departments using high-sensitivity versus conventional cardiac troponin assays. American Heart Journal, 2020, 221, 84-94.	2.7	10
118	Association of plasma-soluble ST2 and galectin-3 with cardiovascular events and mortality following cardiac surgery. American Heart Journal, 2020, 220, 253-263.	2.7	10
119	Disagreement between Cardiac Troponin Tests Yielding a Higher Incidence of Myocardial Injury in the Emergency Setting. Journal of Cardiovascular Development and Disease, 2021, 8, 31.	1.6	10
120	The use of a cytokine panel to define the long-term risk stratification of heart failure/death in patients presenting with chest pain to the emergency department. Clinical Biochemistry, 2010, 43, 505-507.	1.9	9
121	Sensitive and high sensitivity cardiac troponin I concentrations in the Heart Outcomes Prevention Evaluation (HOPE) study â€" A high risk population. Clinica Chimica Acta, 2010, 411, 1832.	1.1	9
122	Early standardization of high sensitivity troponin T reporting - a lost opportunity. Clinical Biochemistry, 2011, 44, 758-759.	1.9	9
123	Assessing the necessity of including a crossover period with dual reporting when changing total prostate-specific antigen methods. Clinical Biochemistry, 2014, 47, 897-900.	1.9	9
124	Hospital Admission and Myocardial Injury Prevalence after the Clinical Introduction of a High-Sensitivity Cardiac Troponin I Assay. Clinical Chemistry, 2015, 61, 1209-1210.	3.2	9
125	Best Practices for Monitoring Cardiac Troponin in Detecting Myocardial Injury. Clinical Chemistry, 2017, 63, 37-44.	3.2	9
126	A Three-Site Immunoassay for High-Sensitivity Cardiac Troponin I with Low Immunoreactivity for Macrocomplexes. Clinical Chemistry, 2020, 66, 854-855.	3.2	9

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127	Analytical performance of cardiac troponin assays â€“ Current status and future needs. Clinica Chimica Acta, 2020, 509, 149-155.	1.1	9
128	Misclassification of Myocardial Injury by a High-Sensitivity Cardiac Troponin I Assay. Canadian Journal of Cardiology, 2021, 37, 523.e7-523.e8.	1.7	9
129	Diagnostic Performance of Serial High-Sensitivity Cardiac Troponin Measurements in the Emergency Setting. Journal of Cardiovascular Development and Disease, 2021, 8, 97.	1.6	9
130	High-Five for High-Sensitivity Cardiac Troponin T: Depends on the Precision and Analytical Platform. JAMA Internal Medicine, 2013, 173, 477.	5.1	8
131	Cardiac and Inflammation Biomarker Profile after Initiation of Adjuvant Trastuzumab Therapy. Clinical Chemistry, 2013, 59, 327-329.	3.2	8
132	Adopting â€˜ng/Lâ€™ as the units for high-sensitivity cardiac troponin assays and commitment by the entire health-care team could be the key for adopting recommendations. Annals of Clinical Biochemistry, 2016, 53, 516-517.	1.6	8
133	A laboratory score at presentation to rule-out serious cardiac outcomes or death in patients presenting with symptoms suggestive of acute coronary syndrome. Clinica Chimica Acta, 2017, 469, 69-74.	1.1	8
134	Should detectable cardiac troponin concentrations in a healthy population be the only criterion for classifying high-sensitivity cardiac troponin assays?. Clinical Biochemistry, 2018, 56, 1-3.	1.9	8
135	Development of biomarker combinations for postoperative acute kidney injury via Bayesian model selection in a multicenter cohort study. Biomarker Research, 2018, 6, 3.	6.8	8
136	A Multicenter Assessment of the Sensitivity and Specificity for a Single High-Sensitivity Cardiac Troponin Test at Emergency Department Presentation for Hospital Admission. journal of applied laboratory medicine, The, 2019, 4, 170-179.	1.3	8
137	Preoperative prediction of Bleeding Independently associated with Mortality after noncardiac Surgery (BIMS): an international prospective cohort study. British Journal of Anaesthesia, 2021, 126, 172-180.	3.4	8
138	Biochip arrays for the discovery of a biomarker surrogate in a phase I/II study assessing a novel anti-metastasis agent. Clinical Biochemistry, 2009, 42, 1162-1165.	1.9	7
139	Canadian Institutes of Health Research dissemination grant on high-sensitivity cardiac troponin. Clinical Biochemistry, 2014, 47, 155-157.	1.9	7
140	Effect of a low glycemic index diet versus a high-cereal fibre diet on markers of subclinical cardiac injury in healthy individuals with type 2 diabetes mellitus: An exploratory analysis of a randomized dietary trial. Clinical Biochemistry, 2017, 50, 1104-1109.	1.9	7
141	Chloride and Other Electrolyte Concentrations in Commonly Available 5% Albumin Products. Critical Care Medicine, 2018, 46, e326-e329.	0.9	7
142	Four Different High-Sensitivity Cardiac Troponin Assays With Important Analytical Performance Differences. Canadian Journal of Cardiology, 2019, 35, 796.e17-796.e18.	1.7	7
143	Between-day versus within-day imprecision using the Abbott high-sensitivity cardiac troponin I assay at concentrations around 5â€˜ng/l. Clinica Chimica Acta, 2019, 489, 58-60.	1.1	7
144	Pre-analytical variables affecting discordant results on repeat sample testing for cardiac troponin I. Clinical Biochemistry, 2019, 63, 158-160.	1.9	7

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145	Lot-to-Lot Variation for Commercial High-Sensitivity Cardiac Troponin: Can We Realistically Report Down to the Assayâ€™s Limit of Detection?. Clinical Chemistry, 2020, 66, 1146-1149.	3.2	7
146	High-Sensitivity Cardiac Troponin I vs a Clinical Chemistry Score for Predicting All-Cause Mortality in an Emergency Department Population. CJC Open, 2020, 2, 296-302.	1.5	7
147	Additional approaches for identifying non-reproducible cardiac troponin results. Clinical Chemistry and Laboratory Medicine, 2021, 59, e267-e270.	2.3	7
148	Clinical chemistry tests for patients with COVID-19 â€“ important caveats for interpretation. Clinical Chemistry and Laboratory Medicine, 2020, 58, 1142-1143.	2.3	7
149	Vascular versus myocardial dysfunction in acute coronary syndrome: Are the adhesion molecules as powerful as NT-proBNP for long-term risk stratification?. Clinical Biochemistry, 2008, 41, 436-439.	1.9	6
150	Letter by Kavsak and MacRae Regarding Article, â€œUtility of Absolute and Relative Changes in Cardiac Troponin Concentrations in the Early Diagnosis of Acute Myocardial Infarctionâ€• Circulation, 2012, 125, e358; author reply e359.	1.6	6
151	For a rapid diagnosis of acute myocardial infarction, a sensitive troponin assay is needed in the near-patient testing setting. Expert Review of Cardiovascular Therapy, 2012, 10, 309-312.	1.5	6
152	A step closer in reducing hemolysis in blood samples collected in the emergency department. Clinical Biochemistry, 2013, 46, 565.	1.9	6
153	Metrics for identifying errors related to pre-analytical sample handling. Clinical Biochemistry, 2014, 47, 989-990.	1.9	6
154	A heterophile antibody affecting a contemporary but not a high-sensitivity cardiac troponin assay. Clinical Biochemistry, 2019, 71, 72-73.	1.9	6
155	Risk Stratification for Patients with Chest Pain Discharged Home from the Emergency Department. Journal of Clinical Medicine, 2020, 9, 2948.	2.4	6
156	A Randomized Phase II Trial of Prostate Boost Irradiation With Stereotactic Body Radiotherapy (SBRT) or Conventional Fractionation (CF) External Beam Radiotherapy (EBRT) in Locally Advanced Prostate Cancer: TheÂPBS Trial (NCT03380806). Clinical Genitourinary Cancer, 2020, 18, e410-e415.	1.9	6
157	Side-Effects of COVID-19 on Patient Care: An INR Story. journal of applied laboratory medicine, The, 2021, 6, 953-961.	1.3	6
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