Stephen A Hill

List of Publications by Year
in descending order

36 papers	1,114 citations	361296 20 h-index	395590 33 g-index
38 all docs	38 docs citations	38 times ranked	1550 citing authors

#	Article	IF	Citations
1	BNP and NT-proBNP as prognostic markers in persons with acute decompensated heart failure: a systematic review. Heart Failure Reviews, 2014, 19, 453-470.	1.7	164
2	Reverse Cholesterol Transportâ€"A Review of the Process and Its Clinical Implications. Clinical Biochemistry, 1997, 30, 517-525.	0.8	107
3	Use of BNP and NT-proBNP for the diagnosis of heart failure in the emergency department: a systematic review of the evidence. Heart Failure Reviews, 2014, 19, 421-438.	1.7	91
4	Capability of ischemia-modified albumin to predict serious cardiac outcomes in the short term among patients with potential acute coronary syndrome. Cmaj, 2005, 172, 1685-1690.	0.9	61
5	Three-minute synthesis of sp³nanocrystalline carbon dots as non-toxic fluorescent platforms for intracellular delivery. Nanoscale, 2016, 8, 18630-18634.	2.8	61
6	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.	1.5	47
7	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.	0.9	38
8	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.	1.5	36
9	A systematic review of BNP as a predictor of prognosis in persons with coronary artery disease. Clinical Biochemistry, 2008, 41, 260-265.	0.8	32
10	Implications of adjustment of high-sensitivity cardiac troponin T assay. Clinical Chemistry, 2013, 59, 574-576.	1.5	32
11	Photosynthesis and crop productivity are enhanced by glucoseâ€functionalised carbon dots. New Phytologist, 2021, 229, 783-790.	3.5	32
12	Selective photothermal killing of cancer cells using LED-activated nucleus targeting fluorescent carbon dots. Nanoscale Advances, 2019, 1, 2840-2846.	2.2	30
13	Effect of Rheumatoid Factor on Cardiac Troponin I Measurement Using Two Commercial Measurement Systems. Clinical Chemistry, 2000, 46, 307-308.	1.5	29
14	Surface functionalisation significantly changes the physical and electronic properties of carbon nano-dots. Nanoscale, 2018, 10, 13908-13912.	2.8	28
15	Evaluation of the Siemens ADVIA Centaur high-sensitivity cardiac troponin I assay in serum. Clinica Chimica Acta, 2018, 487, 216-221.	0.5	27
16	Mutations in cholesteryl ester transfer protein and hepatic lipase in a North American population. Clinical Biochemistry, 1997, 30, 413-418.	0.8	25
17	Analytical comparison of three different versions of a high-sensitivity cardiac troponin I assay over 10 years. Clinica Chimica Acta, 2017, 475, 51-55.	0.5	25
18	Evidence for the use of B-type natriuretic peptides for screening asymptomatic populations and for diagnosis in primary care. Clinical Biochemistry, 2008, 41, 240-249.	0.8	22

#	Article	IF	Citations
19	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.	1.5	22
20	Incremental value of natriuretic peptide measurement in acute decompensated heart failure (ADHF): a systematic review. Heart Failure Reviews, 2014, 19, 507-519.	1.7	22
21	High-Sensitivity Cardiac Troponin Risk Cutoffs for Acute Cardiac Outcomes at Emergency Department Presentation. Canadian Journal of Cardiology, 2017, 33, 898-903.	0.8	20
22	Incremental predictive value of natriuretic peptides for prognosis in the chronic stable heart failure population: a systematic review. Heart Failure Reviews, 2014, 19, 521-540.	1.7	18
23	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.	0.5	17
24	Using the clinical chemistry score in the emergency department to detect adverse cardiac events: a diagnostic accuracy study. CMAJ Open, 2020, 8, E676-E684.	1.1	15
25	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.	0.8	14
26	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.	0.5	13
27	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.	0.8	12
28	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.	0.8	12
29	Intra-individual variability in troponin T concentration in dialysis patients. Clinical Biochemistry, 2009, 42, 991-995.	0.8	11
30	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.	1.5	11
31	Multicenter comparison of imprecision at low concentrations of two regulatory approved high-sensitivity cardiac troponin I assays. Clinica Chimica Acta, 2018, 486, 219-220.	0.5	10
32	Can troponin I measurement predict short-term serious cardiac outcomes in patients presenting to the emergency department with possible acute coronary syndrome?. Canadian Journal of Emergency Medicine, 2004, 6, 22-30.	0.5	8
33	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.	0.5	8
34	Cholesteryl Ester Transfer Protein Mutations, Protein Activity and HDL-Cholesterol Concentration. Clinical Chemistry and Laboratory Medicine, 1998, 36, 629-32.	1.4	5
35	Green fluorescent carbon dots as targeting probes for LEDâ€dependent bacterial killing. Nano Select, 2022, 3, 662-672.	1.9	5
36	High-sensitivity cardiac troponin concentrations at emergency department presentation in females and males with an acute cardiac outcome. Annals of Clinical Biochemistry, 2018, 55, 604-607.	0.8	3