

Andrew Worster

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

2,496
citations

236925

25
h-index

223800

46
g-index

99
all docs

99
docs citations

99
times ranked

3361
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. <i>New England Journal of Medicine</i> , 2019, 380, 2529-2540.	27.0	230
2	Reassessing the Methods of Medical Record Review Studies in Emergency Medicine Research. <i>Annals of Emergency Medicine</i> , 2005, 45, 448-451.	0.6	221
3	Association of High-Sensitivity Cardiac Troponin I Concentration With Cardiac Outcomes in Patients With Suspected Acute Coronary Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 1913.	7.4	188
4	Assessment of the European Society of Cardiology 0-Hour/1-Hour Algorithm to Rule-Out and Rule-In Acute Myocardial Infarction. <i>Circulation</i> , 2016, 134, 1532-1541.	1.6	111
5	Testosterone suppression in opioid users: A systematic review and meta-analysis. <i>Drug and Alcohol Dependence</i> , 2015, 149, 1-9.	3.2	93
6	Incorporation bias in studies of diagnostic tests: how to avoid being biased about bias. <i>Canadian Journal of Emergency Medicine</i> , 2008, 10, 174-175.	1.1	90
7	Validation of presentation and 3h high-sensitivity troponin to rule-in and rule-out acute myocardial infarction. <i>Heart</i> , 2016, 102, 1270-1278.	2.9	82
8	Diagnostic accuracy of BNP and NT-proBNP in patients presenting to acute care settings with dyspnea: A systematic review. <i>Clinical Biochemistry</i> , 2008, 41, 250-259.	1.9	76
9	Advanced statistics: understanding medical record review (MRR) studies. <i>Academic Emergency Medicine</i> , 2004, 11, 187-92.	1.8	73
10	Sex differences in substance use, health, and social functioning among opioid users receiving methadone treatment: a multicenter cohort study. <i>Biology of Sex Differences</i> , 2015, 6, 21.	4.1	62
11	Capability of ischemia-modified albumin to predict serious cardiac outcomes in the short term among patients with potential acute coronary syndrome. <i>Cmaj</i> , 2005, 172, 1685-1690.	2.0	61
12	Differentiation between traumatic tap and aneurysmal subarachnoid hemorrhage: prospective cohort study. <i>BMJ, The</i> , 2015, 350, h568-h568.	6.0	60
13	Sex differences in outcomes of methadone maintenance treatment for opioid use disorder: a systematic review and meta-analysis. <i>CMAJ Open</i> , 2015, 3, E344-E351.	2.4	49
14	Simulation Models of Misclassification Error for Single Thresholds of High-Sensitivity Cardiac Troponin I Due to Assay Bias and Imprecision. <i>Clinical Chemistry</i> , 2017, 63, 585-592.	3.2	46
15	Predictive validity comparison of two five-level triage acuity scales. <i>European Journal of Emergency Medicine</i> , 2007, 14, 188-192.	1.1	39
16	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. <i>Cmaj</i> , 2018, 190, E974-E984.	2.0	38
17	Methadone induces testosterone suppression in patients with opioid addiction. <i>Scientific Reports</i> , 2015, 4, 6189.	3.3	37
18	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. <i>Annals of Internal Medicine</i> , 2022, 175, 101-113.	3.9	37

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19	Rule-In and Rule-Out of Myocardial Infarction Using Cardiac Troponin and Glycemic Biomarkers in Patients with Symptoms Suggestive of Acute Coronary Syndrome. <i>Clinical Chemistry</i> , 2017, 63, 403-414.	3.2	36
20	Efficacy and safety of psychostimulants for amphetamine and methamphetamine use disorders: a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2016, 5, 189.	5.3	32
21	Prognostic association of frailty with post-arrest outcomes following cardiac arrest: A systematic review and meta-analysis. <i>Resuscitation</i> , 2021, 167, 242-250.	3.0	31
22	Lessons from a systematic literature review of the effectiveness of recombinant factor VIIa in acquired haemophilia. <i>Annals of Hematology</i> , 2018, 97, 1889-1901.	1.8	30
23	Understanding linear and logistic regression analyses. <i>Canadian Journal of Emergency Medicine</i> , 2007, 9, 111-113.	1.1	28
24	Evaluation of the Siemens ADVIA Centaur high-sensitivity cardiac troponin I assay in serum. <i>Clinica Chimica Acta</i> , 2018, 487, 216-221.	1.1	27
25	Genetic influence on methadone treatment outcomes in patients undergoing methadone maintenance treatment for opioid addiction: a pilot study. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 1503.	2.2	26
26	Analytical comparison of three different versions of a high-sensitivity cardiac troponin I assay over 10 years. <i>Clinica Chimica Acta</i> , 2017, 475, 51-55.	1.1	25
27	Painful Memories: Reliability of Pain Intensity Recall at 3 Months in Senior Patients. <i>Pain Research and Management</i> , 2017, 2017, 1-7.	1.8	23
28	Ninety-Minute vs 3-h Performance of High-Sensitivity Cardiac Troponin Assays for Predicting Hospitalization for Acute Coronary Syndrome. <i>Clinical Chemistry</i> , 2013, 59, 1407-1410.	3.2	22
29	Common Diagnoses and Outcomes in Elderly Patients Who Present to the Emergency Department with Non-Specific Complaints. <i>Canadian Journal of Emergency Medicine</i> , 2015, 17, 516-522.	1.1	22
30	Emerging key laboratory tests for patients with COVID-19. <i>Clinical Biochemistry</i> , 2020, 81, 13-14.	1.9	22
31	Analytical factors to consider when assessing a high-sensitivity cardiac troponin I assay compared to a contemporary assay in clinical studies. <i>Clinica Chimica Acta</i> , 2014, 429, 6-7.	1.1	21
32	Acute Management and Outcomes of Patients with Diabetes Mellitus Presenting to Canadian Emergency Departments with Hypoglycemia. <i>Canadian Journal of Diabetes</i> , 2015, 39, 55-64.	0.8	21
33	Thrombolytic Therapy for Submassive Pulmonary Embolism?. <i>Annals of Emergency Medicine</i> , 2007, 50, 78-84.	0.6	20
34	High-Sensitivity Cardiac Troponin Risk Cutoffs for Acute Cardiac Outcomes at Emergency Department Presentation. <i>Canadian Journal of Cardiology</i> , 2017, 33, 898-903.	1.7	20
35	Comparative effectiveness of antiarrhythmics for out-of-hospital cardiac arrest: A systematic review and network meta-analysis. <i>Resuscitation</i> , 2017, 121, 90-97.	3.0	20
36	Contribution of BDNF and DRD2 genetic polymorphisms to continued opioid use in patients receiving methadone treatment for opioid use disorder: an observational study. <i>Addiction Science & Clinical Practice</i> , 2015, 10, 19.	2.6	19

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37	Return to the ED and hospitalisation following minor injuries among older persons treated in the emergency department: predictors among independent seniors within 6 months. <i>Age and Ageing</i> , 2015, 44, 624-629.	1.6	19
38	Adherence to Standards for Reporting Diagnostic Accuracy in Emergency Medicine Research. <i>Academic Emergency Medicine</i> , 2017, 24, 914-919.	1.8	19
39	Profile of Roche's Elecsys Troponin T Gen 5 STAT blood test (a high-sensitivity cardiac troponin assay) for diagnosing myocardial infarction in the emergency department. <i>Expert Review of Molecular Diagnostics</i> , 2018, 18, 481-489.	3.1	19
40	Do Either Corticosteroids or Antiviral Agents Reduce the Risk of Long-Term Facial Paresis in Patients with New-Onset Bell's Palsy?. <i>Journal of Emergency Medicine</i> , 2010, 38, 518-523.	0.7	17
41	Performance of high-sensitivity cardiac troponin in the emergency department for myocardial infarction and a composite cardiac outcome across different estimated glomerular filtration rates. <i>Clinica Chimica Acta</i> , 2018, 479, 166-170.	1.1	17
42	Macrocomplexes and high-sensitivity cardiac troponin assays in samples stored for over 15 years. <i>Clinica Chimica Acta</i> , 2020, 505, 6-8.	1.1	17
43	Using the clinical chemistry score in the emergency department to detect adverse cardiac events: a diagnostic accuracy study. <i>CMAJ Open</i> , 2020, 8, E676-E684.	2.4	15
44	Clinical evaluation of Ortho Clinical Diagnostics high-sensitivity cardiac Troponin I assay in patients with symptoms suggestive of acute coronary syndrome. <i>Clinical Biochemistry</i> , 2020, 80, 48-51.	1.9	14
45	Acute Phase Response and Non-Reproducible Elevated Concentrations with a High-Sensitivity Cardiac Troponin I Assay. <i>Journal of Clinical Medicine</i> , 2021, 10, 1014.	2.4	14
46	Clinical Predictors of Intracranial Bleeding in Older Adults Who Have Fallen: A Cohort Study. <i>Journal of the American Geriatrics Society</i> , 2020, 68, 970-976.	2.6	14
47	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. <i>Clinical Biochemistry</i> , 2018, 58, 53-59.	1.9	13
48	Mirtazapine for the treatment of amphetamine and methamphetamine use disorder: A systematic review and meta-analysis. <i>Drug and Alcohol Dependence</i> , 2022, 232, 109295.	3.2	13
49	Acute Management and Outcomes of Patients with Diabetes Mellitus Presenting to Canadian Emergency Departments with Hypoglycemia. <i>Canadian Journal of Diabetes</i> , 2015, 39, 9-18.	0.8	12
50	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. <i>Clinical Biochemistry</i> , 2015, 48, 282-287.	1.9	12
51	Comparison of two biomarker only algorithms for early risk stratification in patients with suspected acute coronary syndrome. <i>International Journal of Cardiology</i> , 2020, 319, 140-143.	1.7	12
52	Understanding the role of nurse practitioners in Canada. <i>Canadian Journal of Rural Medicine: the Official Journal of the Society of Rural Physicians of Canada = Journal Canadien De La Médecine Rurale: Le Journal Officiel De La Société des Médecins de La Médecine Rurale Du Canada</i> , 2005, 10, 89-94.	0.4	12
53	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. <i>Clinical Chemistry</i> , 2017, 63, 593-602.	3.2	11
54	Quality of reporting in abstracts of RCTs published in emergency medicine journals: a systematic survey of the literature suggests we can do better. <i>Emergency Medicine Journal</i> , 2020, 37, 660-665.	1.0	11

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55	Sex-Specific Kinetics of High-Sensitivity Cardiac Troponin I and T following Symptom Onset and Early Presentation in Non-ST-Segment Elevation Myocardial Infarction. <i>Clinical Chemistry</i> , 2021, 67, 321-324.	3.2	11
56	Storage conditions, sample integrity, interferences, and a decision tool for investigating unusual high-sensitivity cardiac troponin results. <i>Clinical Biochemistry</i> , 2023, 115, 67-76.	1.9	11
57	Consensus Conference Follow-up: Inter-rater Reliability Assessment of the Best Evidence in Emergency Medicine (BEEM) Rater Scale, a Medical Literature Rating Tool for Emergency Physicians. <i>Academic Emergency Medicine</i> , 2011, 18, 1193-1200.	1.8	10
58	Quality of reporting in abstracts of RCTs published in emergency medicine journals: a protocol for a systematic survey of the literature. <i>BMJ Open</i> , 2017, 7, e014981.	1.9	10
59	Disagreement between Cardiac Troponin Tests Yielding a Higher Incidence of Myocardial Injury in the Emergency Setting. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 31.	1.6	10
60	Acute Isolated Dysarthria Is Associated with a High Risk of Stroke. <i>Cerebrovascular Diseases Extra</i> , 2014, 4, 182-185.	1.5	9
61	Diagnostic Performance of Serial High-Sensitivity Cardiac Troponin Measurements in the Emergency Setting. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 97.	1.6	9
62	How do I find a point-of-care answer to my clinical question?. <i>Canadian Journal of Emergency Medicine</i> , 2012, 14, 31-35.	1.1	8
63	Adopting ng/L™ as the units for high-sensitivity cardiac troponin assays and commitment by the entire health-care team could be the key for adopting recommendations. <i>Annals of Clinical Biochemistry</i> , 2016, 53, 516-517.	1.6	8
64	A laboratory score at presentation to rule-out serious cardiac outcomes or death in patients presenting with symptoms suggestive of acute coronary syndrome. <i>Clinica Chimica Acta</i> , 2017, 469, 69-74.	1.1	8
65	A Multicenter Assessment of the Sensitivity and Specificity for a Single High-Sensitivity Cardiac Troponin Test at Emergency Department Presentation for Hospital Admission. <i>Journal of Applied Laboratory Medicine</i> , 2019, 4, 170-179.	1.3	8
66	High-Sensitivity Cardiac Troponin I vs a Clinical Chemistry Score for Predicting All-Cause Mortality in an Emergency Department Population. <i>CJC Open</i> , 2020, 2, 296-302.	1.5	7
67	Clinical chemistry tests for patients with COVID-19 – important caveats for interpretation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1142-1143.	2.3	7
68	Risk Stratification for Patients with Chest Pain Discharged Home from the Emergency Department. <i>Journal of Clinical Medicine</i> , 2020, 9, 2948.	2.4	6
69	Predictors of neurologists confirming or overturning emergency physicians' diagnosis of TIA or stroke. <i>Canadian Journal of Emergency Medicine</i> , 2021, 23, 812-819.	1.1	6
70	Does replacing intravenous pyelography with noncontrast helical computed tomography benefit patients with suspected acute urolithiasis?. <i>Canadian Association of Radiologists Journal</i> , 2002, 53, 144-8.	2.0	6
71	The impact of chronic liver disease in patients receiving active pharmacological therapy for opioid use disorder: One-year findings from a prospective cohort study. <i>Drug and Alcohol Dependence</i> , 2020, 209, 107917.	3.2	5
72	A brief note about likelihood ratios. <i>Canadian Journal of Emergency Medicine</i> , 2008, 10, 441-442.	1.1	4

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73	Does Early Intensive Lowering of Blood Pressure Reduce Hematoma Volume and Improve Clinical Outcome After Acute Cerebral Hemorrhage?. <i>Journal of Emergency Medicine</i> , 2009, 37, 433-438.	0.7	4
74	Exploring psychological symptoms and associated factors in patients receiving medication-assisted treatment for opioid-use disorder. <i>BJPsych Open</i> , 2020, 6, e8.	0.7	4
75	Trauma and post-traumatic stress disorder in patients treated for opioid use disorder: findings from a 12-month cohort study. <i>BJPsych Open</i> , 2021, 7, .	0.7	4
76	Problems with use of composite end points in cardiovascular trials: systematic review of randomised controlled trials. , 0, .		4
77	Sex-Specific Absolute Delta Thresholds for High-Sensitivity Cardiac Troponin T. <i>Clinical Chemistry</i> , 2022, 68, 441-449.	3.2	4
78	Emergency department interventions that could be conducted in subacute care settings for patients with nonemergent conditions transported by paramedics: a modified Delphi study. <i>CMAJ Open</i> , 2022, 10, E1-E7.	2.4	4
79	Measures of association: an overview with examples from Canadian emergency medicine research. <i>Canadian Journal of Emergency Medicine</i> , 2001, 3, 219-223.	1.1	3
80	Factors influencing time to computed tomography in emergency department patients with suspected subarachnoid haemorrhage. <i>Emergency Medicine Journal</i> , 2017, 34, 20-26.	1.0	3
81	High-sensitivity cardiac troponin concentrations at emergency department presentation in females and males with an acute cardiac outcome. <i>Annals of Clinical Biochemistry</i> , 2018, 55, 604-607.	1.6	3
82	Clinical chemistry score misses fewer deaths as compared to troponin T alone in a United States emergency department population. <i>Clinical Biochemistry</i> , 2021, 95, 91-92.	1.9	3
83	Sensitivity and specificity of self-reported psychiatric diagnoses amongst patients treated for opioid use disorder. <i>BMC Psychiatry</i> , 2021, 21, 520.	2.6	3
84	Imprecision and Delta Criteria for a New ESC 0/2-Hour Algorithm. <i>Clinical Chemistry</i> , 2022, 68, 721-722.	3.2	3
85	Vasopressin versus epinephrine for out-of-hospital cardiopulmonary resuscitation. <i>Canadian Journal of Emergency Medicine</i> , 2005, 7, 48-50.	1.1	2
86	Isolated transient aphasia at emergency presentation is associated with a high rate of cardioembolic embolism. <i>Canadian Journal of Emergency Medicine</i> , 2015, 17, 624-630.	1.1	2
87	Can the Addition of NT-proBNP and Glucose Measurements Improve the Prognostication of High-Sensitivity Cardiac Troponin Measurements for Patients with Suspected Acute Coronary Syndrome?. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 106.	1.6	2
88	Dexamethasone for mild croup. <i>Canadian Journal of Emergency Medicine</i> , 2006, 8, 282-283.	1.1	1
89	Factor analyze this. <i>Canadian Journal of Emergency Medicine</i> , 2009, 11, 240-241.	1.1	1
90	High-Sensitivity Cardiac Troponin T Testing and Cardiovascular Outcomes at 30 Days and 1 Year in Patients Discharged Home from the Emergency Department with Chest Pain. <i>journal of applied laboratory medicine</i> , The, 2020, 5, 821-824.	1.3	1

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91	Fear of falling in community-dwelling older adults presenting to the emergency department for minor injuries: Impact on return to the ED and future falls. Canadian Journal of Emergency Medicine, 2020, 22, 692-700.	1.1	1
92	High-sensitivity cardiac troponin and the importance of cutoffs in patients with prior coronary artery bypass grafting with suspected NSTEMI. International Journal of Cardiology, 2022, 356, 36-37.	1.7	1
93	A Role for Root Cause Analysis in Laboratory Medicine. Laboratory Medicine, 2007, 38, 709-712.	1.2	0
94	Do Patients with Acute Myocardial Infarction Benefit from Treatment with Clopidogrel?. Journal of Emergency Medicine, 2008, 34, 479-483.	0.7	0
95	<scp>ED</scp> Chest Pain Rules: Follow Your <scp>HEART</scp>?. Academic Emergency Medicine, 2019, 26, 261-262.	1.8	0
96	Which older emergency patients are at risk of intracranial bleeding after a fall? A protocol to derive a clinical decision rule for the emergency department. BMJ Open, 2021, 11, e044800.	1.9	0
97	Acute Ureteric Colic. , 0, , 404-411.		0
98	Quality Improvement. , 0, , 43-48.		0