

# Alexander T Limkakeng

## List of Publications by Year in descending order

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Version: 2024-02-01

115  
papers

4,077  
citations

331670

21  
h-index

118850

62  
g-index

122  
all docs

122  
docs citations

122  
times ranked

6268  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ideal high sensitivity troponin baseline cutoff for patients with renal dysfunction. American Journal of Emergency Medicine, 2022, 56, 323-324.	1.6	1
2	Untapped Potential for Emergency Department Observation Unit Use: A National Hospital Ambulatory Medical Care Survey (NHAMCS) Study. Western Journal of Emergency Medicine, 2022, 23, 134-140.	1.1	0
3	OUP accepted manuscript. journal of applied laboratory medicine, The, 2022, , .	1.3	0
4	A precision medicine approach to stress testing using metabolomics and microribonucleic acids. Personalized Medicine, 2022, 19, 287-297.	1.5	1
5	Experiences of COVID-19 infection in North Carolina: A qualitative analysis. PLoS ONE, 2022, 17, e0269338.	2.5	1
6	Prevalence and Correlates of Ischemic ECG Findings among Adults With and Without HIV in Tanzania. Global Heart, 2022, 17, .	2.3	7
7	Using Sex-specific Cutoffs for High-sensitivity Cardiac Troponin T to Diagnose Acute Myocardial Infarction. Academic Emergency Medicine, 2021, 28, 463-466.	1.8	10
8	Comparison of Dyspnea Measurement Instruments in Acute Heart Failure: The DYS-PNEA-AHF Pilot Study. Journal of Cardiac Failure, 2021, 27, 607-609.	1.7	1
9	Outpatient versus observation/inpatient management of emergency department patients rapidly ruled-out for acute myocardial infarction: Findings from the HIGH-US study. American Heart Journal, 2021, 231, 6-17.	2.7	2
10	Association of a Network of Immunologic Response and Clinical Features With the Functional Recovery From Crotalinae Snakebite Envenoming. Frontiers in Immunology, 2021, 12, 628113.	4.8	0
11	Sex-related differences in D-dimer levels for venous thromboembolism screening. Academic Emergency Medicine, 2021, 28, 873-881.	1.8	6
12	Immune response profiling in patients with traumatic injuries associated with alcohol ingestion. Clinical and Translational Science, 2021, 14, 1791-1798.	3.1	0
13	A hypothetical implementation of "Termination of Resuscitation"™ protocol for out-of-hospital cardiac arrest. Resuscitation Plus, 2021, 6, 100092.	1.7	2
14	Heart failure care and outcomes in a Tanzanian emergency department: A prospective observational study. PLoS ONE, 2021, 16, e0254609.	2.5	1
15	Incidence of Acute Myocardial Infarction in Northern Tanzania: A Modeling Approach Within a Prospective Observational Study. Journal of the American Heart Association, 2021, 10, e021004.	3.7	4
16	Machine Learning and Precision Medicine in Emergency Medicine: The Basics. Cureus, 2021, 13, e17636.	0.5	2
17	Thirty-day outcomes and predictors of mortality following acute myocardial infarction in northern Tanzania: A prospective observational cohort study. International Journal of Cardiology, 2021, 342, 23-28.	1.7	3
18	Risk stratification with video capsule endoscopy leads to fewer hospital admissions in emergency department patients with low-risk to moderate-risk upper gastrointestinal bleed: A multicenter clinical trial. Journal of the American College of Emergency Physicians Open, 2021, 2, e12579.	0.7	1

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19	The prevalence, management, and thirty-day outcomes of symptomatic atrial fibrillation in a Tanzanian emergency department. <i>African Journal of Emergency Medicine</i> , 2021, 11, 404-409.	1.1	1
20	United States Emergency Department Use of Medications with Pharmacogenetic Recommendations. <i>Western Journal of Emergency Medicine</i> , 2021, 22, 1347-1354.	1.1	1
21	Comparison of outcomes between pulseless electrical activity by electrocardiography and pulseless myocardial activity by echocardiography in out-of-hospital cardiac arrest; secondary analysis from a large, prospective study. <i>Resuscitation</i> , 2021, 169, 167-172.	3.0	5
22	Impact of Dispatcher-Assisted Cardiopulmonary Resuscitation on Performance of Termination of Resuscitation Criteria. <i>Resuscitation</i> , 2021, , .	3.0	0
23	Pivotal findings for a high-sensitivity cardiac troponin assay: Results of the HIGH-US study. <i>Clinical Biochemistry</i> , 2020, 78, 32-39.	1.9	12
24	Duplicated or Ectopic Renal Collecting System in Two Adult Emergency Department Patients. <i>Journal of Emergency Medicine</i> , 2020, 58, e59-e61.	0.7	3
25	A Method for Grouping Emergency Department Visits by Severity and Complexity. <i>Western Journal of Emergency Medicine</i> , 2020, 21, 1147-1155.	1.1	3
26	Ideal high sensitivity troponin baseline cutoff for patients with renal dysfunction. <i>American Journal of Emergency Medicine</i> , 2020, 46, 170-175.	1.6	5
27	Biomarkers Enhance Discrimination and Prognosis of Type 2 Myocardial Infarction. <i>Circulation</i> , 2020, 142, 1532-1544.	1.6	31
28	Effect of Hydroxychloroquine on Clinical Status at 14 Days in Hospitalized Patients With COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 2165.	7.4	352
29	3 Non-specific ECG Findings in Patients with Low High-Sensitivity Troponin Values Are Not Associated With Significant 30-day Adverse Outcomes. <i>Annals of Emergency Medicine</i> , 2020, 76, S2.	0.6	0
30	302 Biomarker Profiling for Obstructive Coronary Artery Disease: A PROMISE Substudy. <i>Annals of Emergency Medicine</i> , 2020, 76, S116.	0.6	0
31	Sepsis-Associated Acute Kidney Disease. <i>Kidney International Reports</i> , 2020, 5, 839-850.	0.8	37
32	Acute myocardial infarction under-diagnosis and mortality in a Tanzanian emergency department: A prospective observational study. <i>American Heart Journal</i> , 2020, 226, 214-221.	2.7	13
33	The 99th percentile upper reference limit for the 5th generation cardiac troponin T assay in the United States. <i>Clinica Chimica Acta</i> , 2020, 504, 172-179.	1.1	9
34	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. <i>Annals of Emergency Medicine</i> , 2020, 76, 1-13.	0.6	49
35	Video capsule endoscopy for upper gastrointestinal hemorrhage in the emergency department: A systematic review and meta-analysis. <i>American Journal of Emergency Medicine</i> , 2020, 38, 1245-1252.	1.6	11
36	Patterns of Emergency Care for Possible Acute Coronary Syndrome Among Patients with Chest Pain or Shortness of Breath at a Tanzanian Referral Hospital. <i>Global Heart</i> , 2020, 15, 9.	2.3	12

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37	Stress-delta B-type Natriuretic Peptide Levels as a Test for Inducible Myocardial Ischemia: A Systematic Review and Meta-Analysis. <i>Cureus</i> , 2020, 12, e7165.	0.5	1
38	Priorities to Overcome Barriers Impacting Data Science Application in Emergency Care Research. <i>Academic Emergency Medicine</i> , 2019, 26, 97-105.	1.8	7
39	Copeptin to rule out myocardial infarction in Blacks versus Caucasians. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019, 8, 395-403.	1.0	6
40	Myocardial Infarction Risk Stratification With a Single Measurement of High-Sensitivity Troponin I. <i>Journal of the American College of Cardiology</i> , 2019, 74, 271-282.	2.8	75
41	Highly Elevated Quantitative D-Dimer Assay Values Increase the Likelihood of Venous Thromboembolism. <i>TH Open</i> , 2019, 03, e2-e9.	1.4	6
42	The distribution of cardiac diagnostic testing for acute coronary syndrome in the Brazilian healthcare system: A national geospatial evaluation of health access. <i>PLoS ONE</i> , 2019, 14, e0210502.	2.5	9
43	The burden of acute coronary syndrome, heart failure, and stroke among emergency department admissions in Tanzania: A retrospective observational study. <i>African Journal of Emergency Medicine</i> , 2019, 9, 180-184.	1.1	9
44	Pilot study of myocardial ischemia-induced metabolomic changes in emergency department patients undergoing stress testing. <i>PLoS ONE</i> , 2019, 14, e0211762.	2.5	7
45	Analytical performance evaluation of the Elecsys® Troponin T Gen 5 STAT assay. <i>Clinica Chimica Acta</i> , 2019, 495, 522-528.	1.1	24
46	Trial design for assessing analytical and clinical performance of high-sensitivity cardiac troponin I assays in the United States: The HIGH-US study. <i>Contemporary Clinical Trials Communications</i> , 2019, 14, 100337.	1.1	13
47	129 United States Emergency Department Use of Medications with Pharmacogenetic Recommendations. <i>Annals of Emergency Medicine</i> , 2019, 74, S52.	0.6	0
48	217 A Method for Stratifying Emergency Department Visits by Severity and Complexity: National Hospital Ambulatory Medical Care Survey Items. <i>Annals of Emergency Medicine</i> , 2019, 74, S85-S86.	0.6	0
49	99EMF Pilot of Integrated Metabolomic and MicroRNA Analysis to Identify Myocardial Ischemia on Emergency Department Cardiac Stress Tests. <i>Annals of Emergency Medicine</i> , 2019, 74, S40.	0.6	0
50	31 Impacting Emergency Department Left Without Being Seen Rates Through Physician Resourcing. <i>Annals of Emergency Medicine</i> , 2019, 74, S13.	0.6	1
51	Damage- and pathogen-associated molecular patterns play differential roles in late mortality after critical illness. <i>JCI Insight</i> , 2019, 4, .	5.0	41
52	Multicenter Evaluation of the <sc>YEARS</sc> Criteria in Emergency Department Patients Evaluated for Pulmonary Embolism. <i>Academic Emergency Medicine</i> , 2018, 25, 987-994.	1.8	35
53	International, multicenter evaluation of a new D-dimer assay for the exclusion of venous thromboembolism using standard and age-adjusted cut-offs. <i>Thrombosis Research</i> , 2018, 166, 63-70.	1.7	18
54	Efficacy of High-Sensitivity Troponin T in Identifying Very-Low-Risk Patients With Possible Acute Coronary Syndrome. <i>JAMA Cardiology</i> , 2018, 3, 104.	6.1	89

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55	99 A Comparison of Direct Versus Video Laryngoscopy for Difficult Airway Patients in the Emergency Department: A National Emergency Airway Registry Study. <i>Annals of Emergency Medicine</i> , 2018, 72, S42-S43.	0.6	0
56	Implementation of the HEART Pathway: Using the Consolidated Framework for Implementation Research. <i>Critical Pathways in Cardiology</i> , 2018, 17, 191-200.	0.5	16
57	Unexpected Cardiac MRI Findings in Patients Presenting to the Emergency Department for Possible Acute Coronary Syndrome. <i>Critical Pathways in Cardiology</i> , 2018, 17, 167-171.	0.5	2
58	136 Utilization of Bougie Adjunct Devices in the Emergency Department: A National Emergency Airway Registry Study. <i>Annals of Emergency Medicine</i> , 2018, 72, S57.	0.6	0
59	Provocative biomarker stress test: stress-delta N-terminal pro-B type natriuretic peptide. <i>Open Heart</i> , 2018, 5, e000847.	2.3	5
60	In patients with chest pain, HEART Pathwayâ€“guided and usual care did not differ for MACE or health care use. <i>Annals of Internal Medicine</i> , 2018, 169, JC69.	3.9	0
61	32EMF Isolating Micro-Ribonucleic Acids from Peripheral Plasma to Identify Myocardial Ischemia During Stress Testing in Emergency Department Patients. <i>Annals of Emergency Medicine</i> , 2018, 72, S16.	0.6	0
62	67EMF Comparison of Dyspnea Measurement Instruments in Acute Heart Failure: Results From the DYPNEA-AHF Study. <i>Annals of Emergency Medicine</i> , 2018, 72, S29.	0.6	0
63	212 3D Volume Ultrasound of the Right Lower Quadrant for Diagnosis of Appendicitis. <i>Annals of Emergency Medicine</i> , 2018, 72, S85.	0.6	1
64	Toll-like receptor activation as a biomarker in traumatically injured patients. <i>Journal of Surgical Research</i> , 2018, 231, 270-277.	1.6	7
65	Critical Care Air Transport Team severe traumatic brain injury short-term outcomes during flight for Operation Iraqi Freedom/Operation Enduring Freedom. <i>Journal of the Royal Army Medical Corps</i> , 2017, 163, 342-346.	0.8	7
66	Reply to Letter: Letter to the Editor regarding Gaspari and colleagueâ€™s â€œEmergency department point-of-care ultrasound in out-of-hospital and in-ED cardiac arrestâ€•. <i>Resuscitation</i> , 2017, 114, e7-e8.	3.0	0
67	1 Chest Pain Care Patterns Across the Carolinas: Determining the Readiness for Widespread HEART Pathway Dissemination. <i>Annals of Emergency Medicine</i> , 2017, 70, S1.	0.6	0
68	54 Physician Gestalt is the Most Predictive Component of the Wells' Deep Venous Thrombosis Score in Diagnosing Subsequent Deep Venous Thrombosis. <i>Annals of Emergency Medicine</i> , 2017, 70, S22.	0.6	1
69	73 Clinical Suspicion and D-Dimer Levels in Venous Thromboembolism Patients With Low and High Clot Burden. <i>Annals of Emergency Medicine</i> , 2017, 70, S31.	0.6	0
70	105 Unexpected Cardiac Magnetic Resonance Imaging Findings in Patients Presenting to the Emergency Department for Potential Acute Coronary Syndrome. <i>Annals of Emergency Medicine</i> , 2017, 70, S42.	0.6	0
71	313 Evaluation of Phenylalanine and Tyrosine Concentrations in Traumatically Injured Patients. <i>Annals of Emergency Medicine</i> , 2017, 70, S123.	0.6	0
72	A retrospective study of pulseless electrical activity, bedside ultrasound identifies interventions during resuscitation associated with improved survival to hospital admission. A REASON Study. <i>Resuscitation</i> , 2017, 120, 103-107.	3.0	43

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73	Care of the Patient with Chest Pain in the Observation Unit. <i>Emergency Medicine Clinics of North America</i> , 2017, 35, 535-547.	1.2	8
74	Necessity of hospitalization and stress testing in low risk chest pain patients. <i>American Journal of Emergency Medicine</i> , 2017, 35, 274-280.	1.6	3
75	Are Well-Informed Potential Trial Participants More Likely to Participate?. <i>Journal of Empirical Research on Human Research Ethics</i> , 2017, 12, 363-371.	1.3	3
76	Wireless, Web-Based Interactive Control of Optical Coherence Tomography with Mobile Devices. <i>Translational Vision Science and Technology</i> , 2017, 6, 5.	2.2	7
77	Myocardial Ischemia on Exercise Stress Echocardiography Testing Is Not Associated with Changes in Troponin T Concentrations. <i>Journal of applied laboratory medicine, The</i> , 2017, 1, 532-543.	1.3	7
78	Systematic Molecular Phenotyping: A Path Toward Precision Emergency Medicine?. <i>Academic Emergency Medicine</i> , 2016, 23, 1097-1106.	1.8	15
79	Potential Cost-effectiveness of Early Identification of Hospital-acquired Infection in Critically Ill Patients. <i>Annals of the American Thoracic Society</i> , 2016, 13, 401-413.	3.2	13
80	Toll-Like Receptor Signaling as a Prognostic Tool in Trauma Patients. <i>Journal of the American College of Surgeons</i> , 2016, 223, S159-S160.	0.5	0
81	Emergency department point-of-care ultrasound in out-of-hospital and in-ED cardiac arrest. <i>Resuscitation</i> , 2016, 109, 33-39.	3.0	191
82	Evaluation of T-Wave Morphology in Patients With Left Bundle Branch Block and Suspected Acute Coronary Syndrome. <i>Journal of Emergency Medicine</i> , 2016, 51, 229-237.	0.7	4
83	Who explicitly requests the ordering of computed tomography for emergency department patients? A multicenter prospective study. <i>Emergency Radiology</i> , 2016, 23, 221-227.	1.8	10
84	Serial sampling of copeptin levels improves diagnosis and risk stratification in patients presenting with chest pain: results from the CHOPIN trial. <i>Emergency Medicine Journal</i> , 2016, 33, 23-29.	1.0	9
85	49 Validation of the Modified Sgarbossa Criteria for Acute Coronary Occlusion in the Setting of Left Bundle Branch Block: Retrospective Case-Control Study. <i>Annals of Emergency Medicine</i> , 2015, 66, S17.	0.6	0
86	Midregional Proadrenomedullin Predicts Mortality and Major Adverse Cardiac Events in Patients Presenting With Chest Pain: Results From the <sc>CHOPIN</sc> Trial. <i>Academic Emergency Medicine</i> , 2015, 22, 554-563.	1.8	10
87	109 Delayed Stress-Delta N-Terminal Pro-B Type Natriuretic Peptide Is Significantly Higher With Myocardial Ischemia. <i>Annals of Emergency Medicine</i> , 2015, 66, S38-S39.	0.6	0
88	Improving the Emergency Care Research Investigator Pipeline: SAEM/ACEP Recommendations. <i>Academic Emergency Medicine</i> , 2015, 22, 849-851.	1.8	10
89	111 Delayed Stress-Delta High Sensitivity Troponin Does Not Elevate With Myocardial Ischemia. <i>Annals of Emergency Medicine</i> , 2015, 66, S39-S40.	0.6	0
90	Validation of the modified Sgarbossa criteria for acute coronary occlusion in the setting of left bundle branch block: A retrospective case-control study. <i>American Heart Journal</i> , 2015, 170, 1255-1264.	2.7	70

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91	High Exposure to Organophosphate Flame Retardants in Infants: Associations with Baby Products. <i>Environmental Science &amp; Technology</i> , 2015, 49, 14554-14559.	10.0	133
92	Systematic review and metasummary of attitudes toward research in emergency medical conditions. <i>Journal of Medical Ethics</i> , 2014, 40, 401-408.	1.8	24
93	A Randomized Trial of Protocol-Based Care for Early Septic Shock. <i>New England Journal of Medicine</i> , 2014, 370, 1683-1693.	27.0	2,021
94	Acute Myocardial Infarction in Sub-Saharan Africa: The Need for Data. <i>PLoS ONE</i> , 2014, 9, e96688.	2.5	41
95	Copeptin Helps in the Early Detection of Patients With Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2013, 62, 150-160.	2.8	153
96	The Protocol Acuity Scoring Tool for Prediction of Emergency Medicine Research Study Workload. <i>Annals of Emergency Medicine</i> , 2013, 62, S150.	0.6	0
97	Utility of Observation Units for Young Emergency Department Chest Pain Patients. <i>Journal of Emergency Medicine</i> , 2013, 44, 306-312.	0.7	10
98	Thrombolysis in Myocardial Infarction Risk Score in an Observation Unit Setting. <i>Critical Pathways in Cardiology</i> , 2013, 12, 137-140.	0.5	2
99	Chicken or Egg? Risks of Misattribution of Cause-Effect Relationships in Studies of Association. <i>Academic Emergency Medicine</i> , 2013, 20, 965-965.	1.8	2
100	Willingness to Participate in Clinical Trials among Patients of Chinese Heritage: A Meta-Synthesis. <i>PLoS ONE</i> , 2013, 8, e51328.	2.5	32
101	Left ventricular dysfunction screening in hypertensive patients with N-terminal pro-B-type natriuretic peptide and electrocardiogram. <i>American Journal of Emergency Medicine</i> , 2012, 30, 214-217.	1.6	6
102	Cardiac Evaluation for Structural Abnormalities May Not Be Required in Patients Presenting With Syncope and a Normal ECG Result in an Observation Unit Setting. <i>Annals of Emergency Medicine</i> , 2012, 60, 478-484.e1.	0.6	19
103	Are Patients With Longer Emergency Department Wait Times Less Likely to Consent to Research?. <i>Academic Emergency Medicine</i> , 2012, 19, 396-401.	1.8	3
104	An Observation Unit May Help Improve an Institution's Press Ganey Satisfaction Score. <i>Critical Pathways in Cardiology</i> , 2011, 10, 104-106.	0.5	22
105	Impact of renal dysfunction on acute coronary syndrome evaluation in observation unit patients. <i>American Journal of Emergency Medicine</i> , 2010, 28, 658-662.	1.6	7
106	A multicenter analysis of the ED diagnosis of pneumonia. <i>American Journal of Emergency Medicine</i> , 2010, 28, 862-865.	1.6	46
107	Emergency Physician High Pretest Probability for Acute Coronary Syndrome Correlates with Adverse Cardiovascular Outcomes. <i>Academic Emergency Medicine</i> , 2009, 16, 740-748.	1.8	22
108	Unsuspected pulmonary embolism in observation unit patients. <i>Western Journal of Emergency Medicine</i> , 2009, 10, 130-4.	1.1	0

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109	Preferences for cardiac tests and procedures may partially explain sex but not race disparities. American Journal of Emergency Medicine, 2008, 26, 545-550.	1.6	22
110	Sixty-fourâ€“slice multidetector computed tomography: the future of ED cardiac care. American Journal of Emergency Medicine, 2007, 25, 450-458.	1.6	24
111	Xanthogranulomatous pyelonephritis with a nephrocutaneous fistula. Journal of Emergency Medicine, 2005, 29, 337-338.	0.7	14
112	Effects of implementing a modified electronic medical record and comprehensive patient tracking system on the patient care activities of emergency department staff. Annals of Emergency Medicine, 2004, 44, S129-S130.	0.6	1
113	Emergency Medicine national conventions: a medical studentâ€™s perspective. Journal of Emergency Medicine, 2002, 23, 211-212.	0.7	0
114	Combination of Goldman Risk and Initial Cardiac Troponin I for Emergency Department Chest Pain Patient Risk Stratification. Academic Emergency Medicine, 2001, 8, 696-702.	1.8	87
115	NHAMCS Validation of Emergency Severity Index as an Indicator of Emergency Department Resource Utilization. Western Journal of Emergency Medicine, 1996, 19, 855-862.	1.1	14