

Michael S Runyon

List of Publications by Year in descending order

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74
papers

1,587
citations

304743

22
h-index

330143

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76
all docs

76
docs citations

76
times ranked

2137
citing authors

#	ARTICLE	IF	CITATIONS
1	Serial Procalcitonin Predicts Mortality in Severe Sepsis Patients: Results From the Multicenter Procalcitonin MONitoring SEpsis (MOSES) Study. <i>Critical Care Medicine</i> , 2017, 45, 781-789.	0.9	187
2	Comparison of the Unstructured Clinician Estimate of Pretest Probability for Pulmonary Embolism to the Canadian Score and the Charlotte Rule: A Prospective Observational Study. <i>Academic Emergency Medicine</i> , 2005, 12, 587-593.	1.8	91
3	Emergency care capacity in Africa: A clinical and educational initiative in Tanzania. <i>Journal of Public Health Policy</i> , 2012, 33, S126-S137.	2.0	81
4	Subarachnoid Hemorrhage. <i>Emergency Medicine Clinics of North America</i> , 2017, 35, 803-824.	1.2	80
5	Emergency Medicine Practitioner Knowledge and Use of Decision Rules for the Evaluation of Patients with Suspected Pulmonary Embolism: Variations by Practice Setting and Training Level. <i>Academic Emergency Medicine</i> , 2007, 14, 53-57.	1.8	69
6	Disease patterns and clinical outcomes of patients admitted in intensive care units of tertiary referral hospitals of Tanzania. <i>BMC International Health and Human Rights</i> , 2014, 14, 26.	2.5	68
7	Prospective Study of the Diagnostic Accuracy of the Simplify D-dimer Assay for Pulmonary Embolism in Emergency Department Patients. <i>Chest</i> , 2006, 129, 1417-1423.	0.8	60
8	Effect of Fatigue Training on Safety, Fatigue, and Sleep in Emergency Medical Services Personnel and Other Shift Workers: A Systematic Review and Meta-Analysis. <i>Prehospital Emergency Care</i> , 2018, 22, 58-68.	1.8	58
9	Comparison of team-focused CPR vs standard CPR in resuscitation from out-of-hospital cardiac arrest: Results from a statewide quality improvement initiative. <i>Resuscitation</i> , 2016, 105, 165-172.	3.0	48
10	Randomized Controlled Feasibility Trial of Intranasal Ketamine Compared to Intranasal Fentanyl for Analgesia in Children with Suspected Extremity Fractures. <i>Academic Emergency Medicine</i> , 2017, 24, 1430-1440.	1.8	44
11	Diagnostic Accuracy of Right Ventricular Dysfunction Markers in Normotensive Emergency Department Patients with Acute Pulmonary Embolism. <i>Annals of Emergency Medicine</i> , 2016, 68, 277-291.	0.6	43
12	Electronic Medical Record Review as a Surrogate to Telephone Follow-up to Establish Outcome for Diagnostic Research Studies in the Emergency Department. <i>Academic Emergency Medicine</i> , 2005, 12, 1127-1133.	1.8	40
13	Evaluation of Social Media Use by Emergency Medicine Residents and Faculty. <i>Western Journal of Emergency Medicine</i> , 2015, 16, 715-720.	1.1	40
14	Shorter Versus Longer Shift Durations to Mitigate Fatigue and Fatigue-Related Risks in Emergency Medical Services Personnel and Related Shift Workers: A Systematic Review. <i>Prehospital Emergency Care</i> , 2018, 22, 28-36.	1.8	37
15	Prospective comparison of ultrasound and CXR for confirmation of central vascular catheter placement. <i>Emergency Medicine Journal</i> , 2016, 33, 176-180.	1.0	36
16	Prospective study of clinician-entered research data in the Emergency Department using an Internet-based system after the HIPAA Privacy Rule. <i>BMC Medical Informatics and Decision Making</i> , 2004, 4, 17.	3.0	35
17	Effect of Levocarnitine vs Placebo as an Adjunctive Treatment for Septic Shock. <i>JAMA Network Open</i> , 2018, 1, e186076.	5.9	35
18	Profile of patients with hypertensive urgency and emergency presenting to an urban emergency department of a tertiary referral hospital in Tanzania. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 158.	1.7	30

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19	Palliative care in the emergency department: an educational investigation and intervention. <i>BMC Palliative Care</i> , 2018, 17, 43.	1.8	30
20	Guidelines for Safety of Trainees Rotating Abroad: Consensus Recommendations from the Global Emergency Medicine Academy of the Society for Academic Emergency Medicine, Council of Emergency Medicine Residency Directors, and the Emergency Medicine Residents' Association. <i>Academic Emergency Medicine</i> , 2013, 20, 413-420.	1.8	28
21	Prognostic Value of Right Ventricular Dysfunction Markers for Serious Adverse Events in Acute Normotensive Pulmonary Embolism. <i>Journal of Emergency Medicine</i> , 2017, 52, 137-150.	0.7	26
22	Development and comparison of a minimally-invasive model of autologous clot pulmonary embolism in Sprague-Dawley and Copenhagen rats. <i>Thrombosis Journal</i> , 2010, 8, 3.	2.1	24
23	Patients with acute poisoning presenting to an urban emergency department of a tertiary hospital in Tanzania. <i>BMC Research Notes</i> , 2017, 10, 482.	1.4	22
24	Effect of Glucose-Insulin-Potassium Infusion on Mortality in Critical Care Settings: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Pharmacology</i> , 2009, 49, 758-767.	2.0	21
25	Trauma burden in Tanzania: a one-day survey of all district and regional public hospitals. <i>BMC Emergency Medicine</i> , 2017, 17, 30.	1.9	21
26	Pediatric Pain Assessment in the Emergency Department. <i>Pediatric Emergency Care</i> , 2021, 37, e950-e954.	0.9	21
27	Survey of Individual and Institutional Risk Associated with the Use of Social Media. <i>Western Journal of Emergency Medicine</i> , 2016, 17, 344-349.	1.1	19
28	Evidence-Based Guidelines for Fatigue Risk Management in EMS: Formulating Research Questions and Selecting Outcomes. <i>Prehospital Emergency Care</i> , 2017, 21, 149-156.	1.8	18
29	Interobserver and Intraobserver Agreement on Qualitative Assessments of Right Ventricular Dysfunction With Echocardiography in Patients With Pulmonary Embolism. <i>Journal of Ultrasound in Medicine</i> , 2016, 35, 2113-2120.	1.7	17
30	Trends in mortality associated with opening of a full-capacity public emergency department at the main tertiary-level hospital in Tanzania. <i>International Journal of Emergency Medicine</i> , 2015, 8, 24.	1.6	16
31	Assessment of cardiopulmonary resuscitation knowledge and skills among healthcare providers at an urban tertiary referral hospital in Tanzania. <i>BMC Health Services Research</i> , 2018, 18, 935.	2.2	16
32	The prevalence of alcohol and illicit drug use among injured patients presenting to the emergency department of a national hospital in Tanzania: a prospective cohort study. <i>BMC Emergency Medicine</i> , 2019, 19, 15.	1.9	14
33	Impact of shift duration on alertness among air-medical emergency care clinician shift workers. <i>American Journal of Industrial Medicine</i> , 2019, 62, 325-336.	2.1	13
34	Cerebral Venous Thrombosis. <i>Emergency Medicine Clinics of North America</i> , 2017, 35, 869-878.	1.2	11
35	Real-Time Fatigue Mitigation with Air-Medical Personnel: The SleepTrackTXT2 Randomized Trial. <i>Prehospital Emergency Care</i> , 2019, 23, 465-478.	1.8	11
36	Clinical and Translational Research in Global Health and Emergency Care: A Research Agenda. <i>Academic Emergency Medicine</i> , 2013, 20, 1272-1277.	1.8	10

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37	Self-Reported SARS-CoV-2 Vaccination Is Consistent with Electronic Health Record Data among the COVID-19 Community Research Partnership. <i>Vaccines</i> , 2022, 10, 1016.	4.4	10
38	Troponin Marker for Acute Coronary Occlusion and Patient Outcome Following Cardiac Arrest. <i>Western Journal of Emergency Medicine</i> , 2015, 16, 1007-1013.	1.1	9
39	Emergency medicine residency training in Africa: overview of curriculum. <i>BMC Medical Education</i> , 2019, 19, 294.	2.4	9
40	Can We Safely Apply the Ottawa Ankle Rules to Children?. <i>Academic Emergency Medicine</i> , 2009, 16, 352-354.	1.8	8
41	HIV counselling and testing practices for children seen in an urban emergency department of a tertiary referral hospital in Dar es Salaam, Tanzania: a retrospective cross-sectional study. <i>BMJ Open</i> , 2016, 6, e010298.	1.9	8
42	Improving perceptions of empathy in patients undergoing low-yield computerized tomographic imaging in the emergency department. <i>Patient Education and Counseling</i> , 2018, 101, 717-722.	2.2	8
43	Team-focused Cardiopulmonary Resuscitation: Prehospital Principles Adapted for Emergency Department Cardiac Arrest Resuscitation. <i>Journal of Emergency Medicine</i> , 2018, 54, 54-63.	0.7	8
44	Efficacy of Penicillin for Dental Pain without Overt Infection. <i>Academic Emergency Medicine</i> , 2004, 11, 1268-1271.	1.8	7
45	Study protocol of a randomised controlled trial of intranasal ketamine compared with intranasal fentanyl for analgesia in children with suspected, isolated extremity fractures in the paediatric emergency department. <i>BMJ Open</i> , 2016, 6, e012190.	1.9	7
46	Early neurologic examination is not reliable for prognostication in post-cardiac arrest patients who undergo therapeutic hypothermia. <i>American Journal of Emergency Medicine</i> , 2016, 34, 975-979.	1.6	6
47	Subdissociative intranasal ketamine plus standard pain therapy versus standard pain therapy in the treatment of paediatric sickle cell disease vaso-occlusive crises in resource-limited settings: study protocol for a randomised controlled trial. <i>BMJ Open</i> , 2017, 7, e017190.	1.9	6
48	Reliability of the sub-components of the instrumented timed up and go test in ambulatory children with traumatic brain injury and typically developed controls. <i>Gait and Posture</i> , 2018, 63, 248-253.	1.4	6
49	Modified systemic inflammatory response syndrome and provider gestalt predicting adverse outcomes in children under 5 years presenting to an urban emergency department of a tertiary hospital in Tanzania. <i>Tropical Medicine and Health</i> , 2019, 47, 13.	2.8	6
50	Prescribing of Opioids and Benzodiazepines Among Patients With History of Overdose. <i>Journal of Addiction Medicine</i> , 2019, 13, 396-402.	2.6	6
51	Predictive Accuracy of Quick Sequential Organ Failure Assessment for Hospital Mortality Decreases With Increasing Comorbidity Burden Among Patients Admitted for Suspected Infection*. <i>Critical Care Medicine</i> , 2019, 47, 1081-1088.	0.9	6
52	Study protocol for a multicentre implementation trial of monotherapy anticoagulation to expedite home treatment of patients diagnosed with venous thromboembolism in the emergency department. <i>BMJ Open</i> , 2020, 10, e038078.	1.9	6
53	The clinical presentation, utilization, and outcome of individuals with sickle cell anaemia presenting to urban emergency department of a tertiary hospital in Tanzania. <i>BMC Hematology</i> , 2018, 18, 25.	2.6	5
54	The Burden and Outcomes of Abdominal Pain among Children Presenting to an Emergency Department of a Tertiary Hospital in Tanzania: A Descriptive Cohort Study. <i>Emergency Medicine International</i> , 2018, 1-6.	0.8	5

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55	Use of an instrumented dual-task timed up and go test in children with traumatic brain injury. <i>Gait and Posture</i> , 2020, 76, 193-197.	1.4	5
56	Emergency centre management of paediatric diarrhoea: An overview. <i>African Journal of Emergency Medicine</i> , 2013, 3, 75-82.	1.1	4
57	Topical Tranexamic Acid for Epistaxis in Patients on Antiplatelet Drugs: A New Use for an Old Drug. <i>Academic Emergency Medicine</i> , 2018, 25, 360-361.	1.8	4
58	The test characteristics of physician clinical gestalt for determining the presence and severity of anaemia in patients seen at the emergency department of a tertiary referral hospital in Tanzania. <i>Emergency Medicine Journal</i> , 2016, 33, 338-344.	1.0	3
59	Factors Associated with Delayed Cooling in Cardiac Arrest Patients. <i>Therapeutic Hypothermia and Temperature Management</i> , 2017, 7, 81-87.	0.9	3
60	Fatigue mitigation with SleepTrackTXT2 in air medical emergency care systems: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 254.	1.6	3
61	Impact of short basic emergency medicine training in introducing emergency medicine as a specialty in Sub-Saharan Africa: experience from Tanzania. <i>International Journal of Emergency Medicine</i> , 2019, 12, 3.	1.6	3
62	Development and Implementation of Short Courses to Support the Establishment of a Prehospital System in Sub-Saharan Africa: Lessons Learned from Tanzania. <i>Emergency Medicine International</i> , 2019, 2019, 1-7.	0.8	3
63	Assessment of Vessel Density on Non-Contrast Computed Tomography to Detect Basilar Artery Occlusion. <i>Western Journal of Emergency Medicine</i> , 2020, 21, 694-702.	1.1	3
64	Undernourished children presenting to an urban emergency department of a tertiary hospital in Tanzania: a prospective descriptive study. <i>BMC Pediatrics</i> , 2019, 19, 327.	1.7	2
65	Perception of Physician Empathy Varies With Educational Level and Gender of Patients Undergoing Low-Yield Computerized Tomographic Imaging. <i>Journal of Patient Experience</i> , 2020, 7, 386-394.	0.9	2
66	Calcium Carbonate for Elemental Lead Ingestions: Effect of Alkalinization on Elemental Lead Solubility in a Simulated Gastric Environment. <i>Journal of Medical Toxicology</i> , 2021, 17, 185-189.	1.5	2
67	Dental pain management with prescription opioids by nondental healthcare professionals in a healthcare system network. <i>Journal of Public Health Dentistry</i> , 2021, , .	1.2	2
68	Pulmonary Embolism and Deep Vein Thrombosis. , 2010, , 1124-1136.		2
69	Odontalgia. , 2008, , 314-322.		0
70	The diagnosis of and emergent care for the patient with subarachnoid haemorrhage in resource-limited settings. <i>African Journal of Emergency Medicine</i> , 2014, 4, 140-149.	1.1	0
71	1432: QSOFA CALCULATED ON INITIAL ASSESSMENT FOR PREDICTING MORTALITY IN PATIENTS WITH SUSPECTED INFECTION. <i>Critical Care Medicine</i> , 2018, 46, 700-700.	0.9	0
72	2: QSOFA PERFORMANCE IN INFECTED PATIENTS VARIES ACROSS COMORBIDITY BURDEN. <i>Critical Care Medicine</i> , 2018, 46, 1-1.	0.9	0

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73	Emergency medicine registrar training in Africa: overview of programmes, faculty and sustainability. Emergency Medicine Journal, 2020, 37, emermed-2019-208668.	1.0	0
74	Abstract C09: Socioeconomic disparities in hospital admission patterns following cancer-related ED visits in the United States. , 2016, , .		0