

# Megan A Rech

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

1,084  
citations

516215

16  
h-index

500791

28  
g-index

77  
all docs

77  
docs citations

77  
times ranked

1193  
citing authors

#	ARTICLE	IF	CITATIONS
1	&lt;p&gt;Shock index in the emergency department: utility and limitations&lt;/p&gt;. Open Access Emergency Medicine, 2019, Volume 11, 179-199.	0.6	92
2	Balanced Crystalloids Versus Saline in Critically Ill Adults: A Systematic Review and Meta-analysis. Annals of Pharmacotherapy, 2020, 54, 5-13.	0.9	66
3	New Drugs of Abuse. Pharmacotherapy, 2015, 35, 189-197.	1.2	61
4	When to Pick the Nose: Out-of-Hospital and Emergency Department Intranasal Administration of Medications. Annals of Emergency Medicine, 2017, 70, 203-211.	0.3	59
5	Intravenous Lidocaine for Acute Pain: A Systematic Review. Pharmacotherapy, 2018, 38, 1250-1259.	1.2	58
6	Deficiency in 25-Hydroxyvitamin D and 30-Day Mortality in Patients With Severe Sepsis and Septic Shock. American Journal of Critical Care, 2014, 23, e72-e79.	0.8	50
7	Delayed vasopressor initiation is associated with increased mortality in patients with septic shock. Journal of Critical Care, 2020, 55, 145-148.	1.0	50
8	Scoping Review of Interventions Associated with Cost Avoidance Able to Be Performed in the Intensive Care Unit and Emergency Department. Pharmacotherapy, 2019, 39, 215-231.	1.2	42
9	Heavy Metal in the Intensive Care Unit. Nutrition in Clinical Practice, 2014, 29, 78-89.	1.1	40
10	PHarmacist Avoidance or Reductions in Medical Costs in CRITically Ill Adults: PHARM-CRIT Study. , 2021, 3, e0594.		31
11	Pharmacist Participation in Acute Ischemic Stroke Decreases Door-to-Needle Time to Recombinant Tissue Plasminogen Activator. Annals of Pharmacotherapy, 2017, 51, 1084-1089.	0.9	30
12	Medicationâ€induced Hyperlactatemia and Lactic Acidosis: A Systematic Review of the Literature. Pharmacotherapy, 2019, 39, 946-963.	1.2	29
13	Factors Influencing Pediatric Emergency Department Visits for Low-Acuity Conditions. Pediatric Emergency Care, 2021, 37, 265-268.	0.5	25
14	PHarmacist Avoidance or Reductions in Medical Costs in Patients Presenting the EMergency Department: PHARM-EM Study. , 2021, 3, e0406.		24
15	Impact of Pharmacists to Improve Patient Care in the Critically Ill: A Large Multicenter Analysis Using Meaningful Metrics With the Medication Regimen Complexity-ICU (MRC-ICU) Score*. Critical Care Medicine, 2022, 50, 1318-1328.	0.4	23
16	Overview of extended release tacrolimus in solid organ transplantation. World Journal of Transplantation, 2016, 6, 144.	0.6	22
17	Cost avoidance associated with clinical pharmacist presence in a medical intensive care unit. JACCP Journal of the American College of Clinical Pharmacy, 2019, 2, 610-615.	0.5	21
18	Outcomes in Burn-Injured Patients Who Develop Sepsis. Journal of Burn Care and Research, 2019, 40, 269-273.	0.2	21

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19	Gender inequity and sexual harassment in the pharmacy profession: Evidence and call to action. <i>American Journal of Health-System Pharmacy</i> , 2021, 78, 2059-2076.	0.5	21
20	Pharmacist Presence Decreases Time to Prothrombin Complex Concentrate in Emergency Department Patients with Life-Threatening Bleeding and Urgent Procedures. <i>Journal of Emergency Medicine</i> , 2019, 57, 620-628.	0.3	18
21	Early recognition of sepsis through emergency medical services pre-hospital screening. <i>American Journal of Emergency Medicine</i> , 2019, 37, 1428-1432.	0.7	18
22	Emergency department sepsis screening tool decreases time to antibiotics in patients with sepsis. <i>American Journal of Emergency Medicine</i> , 2018, 36, 1745-1748.	0.7	17
23	The Atherogenic Index of Plasma is Independently Associated with Symptomatic Carotid Artery Stenosis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105351.	0.7	17
24	Vitamin D in burn-injured patients. <i>Burns</i> , 2019, 45, 32-41.	1.1	16
25	Premature attrition of clinical pharmacists: Call to attention, action, and potential solutions. <i>JACCP Journal of the American College of Clinical Pharmacy</i> , 2022, 5, 689-696.	0.5	16
26	Tracing the Lines: A Review of Viscoelastography for Emergency Medicine Clinicians. <i>Journal of Emergency Medicine</i> , 2020, 59, 201-215.	0.3	15
27	Prothrombin Complex Concentrate for Intracerebral Hemorrhage Secondary to Vitamin K Deficiency Bleeding in a 6-Week-Old Child. <i>Journal of Pediatrics</i> , 2015, 167, 1443-1444.	0.9	14
28	Professional Benefits of a Web-based Journal Club for Critical Care Residents and Their Mentors. <i>American Journal of Pharmaceutical Education</i> , 2019, 83, 6907.	0.7	13
29	Major publications in the critical care pharmacotherapy literature in 2015. <i>American Journal of Health-System Pharmacy</i> , 2017, 74, 295-311.	0.5	11
30	Comparison of Automated Methods Versus the American Burn Association Sepsis Definition to Identify Sepsis and Sepsis With Organ Dysfunction/Septic Shock in Burn-Injured Adults. <i>Journal of Burn Care and Research</i> , 2017, 38, 312-318.	0.2	10
31	Perceptions regarding vasopressin use and practices in septic shock, and cost containment strategies. <i>JACCP Journal of the American College of Clinical Pharmacy</i> , 2019, 2, 257-267.	0.5	10
32	Racial Differences in Vasopressor Requirements for Septic Shock. <i>Shock</i> , 2014, 41, 188-192.	1.0	9
33	Stroke Mimics: An Important Source of Bias in Acute Ischemic Stroke Research. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 2475-2480.	0.7	9
34	Neurotoxicity secondary to local tetracaine use. <i>American Journal of Emergency Medicine</i> , 2020, 38, 1984.e1-1984.e3.	0.7	8
35	Major publications in the critical care pharmacotherapy literature: January–December 2013. <i>American Journal of Health-System Pharmacy</i> , 2015, 72, 224-236.	0.5	7
36	Risk factors for mortality in septic patients who received etomidate. <i>American Journal of Emergency Medicine</i> , 2015, 33, 1340-1343.	0.7	7

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37	A randomized, noninferiority, controlled trial of two doses of intravenous subdissociative ketamine for analgesia in the emergency department. <i>Academic Emergency Medicine</i> , 2021, 28, 647-654.	0.8	7
38	Intravenous Push Antibiotics Should be Administered in the Emergency Department. <i>Annals of Emergency Medicine</i> , 2021, 78, 384-385.	0.3	7
39	Leave the levofloxacin? A case report of levofloxacin-induced psychosis. <i>American Journal of Emergency Medicine</i> , 2018, 36, 1528.e1-1528.e2.	0.7	5
40	Perceptions and practices for beta-lactam antibiotic dosing, administration, and monitoring in critically ill patients: Current views and use among critical care and infectious diseases pharmacists. <i>JACCP Journal of the American College of Clinical Pharmacy</i> , 2019, 2, 468-476.	0.5	5
41	The effect of burnout on postgraduate year-one pharmacy residents' pursuit of additional training. <i>JACCP Journal of the American College of Clinical Pharmacy</i> , 2020, 3, 569-576.	0.5	5
42	Reversal of Warfarin-Associated Major Hemorrhage: Activated Prothrombin Complex Concentrate versus 4-Factor Prothrombin Complex Concentrate. <i>Thrombosis and Haemostasis</i> , 2020, 120, 207-215.	1.8	5
43	A knack for NAC? Treatment for heat stroke induced acute liver injury. <i>American Journal of Emergency Medicine</i> , 2020, 38, 853.e1-853.e3.	0.7	5
44	The effect of grit on postgraduate year-one pharmacy residents' pursuit of additional training. <i>Currents in Pharmacy Teaching and Learning</i> , 2020, 12, 112-118.	0.4	5
45	International Survey of Thrombolytic Use for Treatment of Cardiac Arrest Due to Massive Pulmonary Embolism. , 2020, 2, e0132.		5
46	Early Recognition and Treatment of Sepsis After the Addition of Lactate to the Laboratory's Critical Result Call List. <i>Journal of Intensive Care Medicine</i> , 2018, 33, 111-115.	1.3	4
47	Fixed-dose prothrombin complex concentrate for emergent warfarin reversal among patients with intracranial hemorrhage. <i>American Journal of Emergency Medicine</i> , 2021, 49, 326-330.	0.7	4
48	Beyond the bundle: Clinical controversies in the management of sepsis in emergency medicine patients. <i>American Journal of Emergency Medicine</i> , 2022, 51, 296-303.	0.7	4
49	25-hydroxyvitamin D deficiency and opportunistic viral infections after kidney transplant. <i>Experimental and Clinical Transplantation</i> , 2014, 12, 95-100.	0.2	4
50	Acute pain management in the Emergency Department: Use of multimodal and non-opioid analgesic treatment strategies. <i>American Journal of Emergency Medicine</i> , 2022, 58, 57-65.	0.7	4
51	Pharmacists' perceptions and practice changes resulting from emergence of the vancomycin-piperacillin/tazobactam nephrotoxicity phenomenon. <i>JACCP Journal of the American College of Clinical Pharmacy</i> , 2020, 3, 410-416.	0.5	3
52	Homeless patients tend to have greater psychiatric needs when presenting to the emergency department. <i>American Journal of Emergency Medicine</i> , 2020, 38, 1315-1318.	0.7	3
53	Oseltamivir for All: Should It Become an Over-the-Counter Medication for Influenza Treatment?. <i>Pharmacotherapy</i> , 2020, 40, 182-185.	1.2	3
54	New-Onset Seizure in Patient Medicated With Bupropion for Smoking Cessation: A Case Report. <i>Journal of Emergency Medicine</i> , 2020, 58, e145-e147.	0.3	3

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55	How to guide for effectively performing and coordinating multicenter observational research as a clinical pharmacist. JACCP Journal of the American College of Clinical Pharmacy, 2020, 3, 116-123.	0.5	2
56	A how to guide for effectively writing a publishable research manuscript. JACCP Journal of the American College of Clinical Pharmacy, 2020, 3, 818-824.	0.5	2
57	Cautions heeded: A call to action for evaluating pharmacists' direct and indirect patient care activities. JACCP Journal of the American College of Clinical Pharmacy, 2020, 3, 546-547.	0.5	2
58	Thromboelastometry-guided anticoagulation reversal in a patient with ventricular assist device with intracranial hemorrhage. American Journal of Emergency Medicine, 2021, 41, 265.e5-265.e8.	0.7	2
59	Staying InformED: Top emergency Medicine pharmacotherapy articles of 2020. American Journal of Emergency Medicine, 2021, 49, 200-205.	0.7	2
60	Gender inequity and sexual harassment in the pharmacy profession: Evidence and call to action executive summary. JACCP Journal of the American College of Clinical Pharmacy, 2021, 4, 1375-1378.	0.5	2
61	The incidence and characteristics of bacteremia in cardiac arrest. Heart and Lung: Journal of Acute and Critical Care, 2022, 52, 106-109.	0.8	2
62	D-Cycloserine-Induced Seizure Activity in the Emergency Department: A Case Report. Journal of Pharmacy Practice, 2023, 36, 716-718.	0.5	2
63	Acute venous thromboembolism after initiation of voxelotor for treatment of sickle cell disease. American Journal of Emergency Medicine, 2021, , .	0.7	2
64	Desmopressin with four-factor prothrombin complex concentrate for life-threatening bleeding: A case series. American Journal of Emergency Medicine, 2020, 38, 2634-2636.	0.7	1
65	Etomidate Use for Rapid Sequence Intubation Is Not Associated With Nosocomial Infection. Journal of Pharmacy Practice, 2020, , 089719002097961.	0.5	1
66	Predictors of a response to dexmedetomidine in intubated, critically ill adult patients. Pharmacotherapy, 2021, 41, 191-197.	1.2	1
67	Antihypertensive Medications Prior to Shock Onset Do Not Impact Initial Vasopressor Requirements in Patients With Shock. Journal of Pharmacy Practice, 2021, , 089719002110486.	0.5	1
68	Difficult coagulopathy cases in the management of intracranial hemorrhage: A cautionary tale of the international normalized ratio. American Journal of Emergency Medicine, 2022, 59, 180-181.	0.7	1
69	Correspondence to 1-hour bundle, an updated version of 3-hour bundle. American Journal of Emergency Medicine, 2019, 37, 544-545.	0.7	0
70	Comparison of an ED triage sepsis screening tool and qSOFA in identifying CMS SEP-1 patients. American Journal of Emergency Medicine, 2020, 38, 1995-1999.	0.7	0
71	An alternative perspective to just halting tranexamic acid utilization in gastrointestinal bleeding. American Journal of Emergency Medicine, 2021, 46, 781-782.	0.7	0
72	Atypical presentation of transverse myelitis in the emergency department: A case report. American Journal of Emergency Medicine, 2021, 50, 813.e5-813.e6.	0.7	0

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73	Silence is deafening: Acute bilateral hearing loss as a rare presentation of acute stroke. American Journal of Emergency Medicine, 2021, , .	0.7	0
74	The impact of antihypertensive use in the treatment of acute ischemic stroke in patients receiving alteplase. American Journal of Emergency Medicine, 2021, 50, 93-96.	0.7	0
75	1419. High Prevalence of Fluoroquinolone-Resistant Urinary Tract Infection Among US Emergency Department Patients Diagnosed with UTI, 2018-2020. Open Forum Infectious Diseases, 2021, 8, S793-S794.	0.4	0
76	1426. Empiric Antimicrobial Prescribing for Urinary Tract Infections in Patients Discharged from the Emergency Department. Open Forum Infectious Diseases, 2021, 8, S796-S796.	0.4	0
77	Recent Use of Non-Vitamin K Antagonist Oral Anticoagulants and Intracranial Hemorrhage Among Patients With Acute Ischemic Stroke Treated With Alteplase. JAMA - Journal of the American Medical Association, 2022, 327, 2354.	3.8	0