

# Jarone Lee

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

156  
papers

2,139  
citations

22  
h-index

43  
g-index

189  
ext. papers

2,643  
ext. citations

4.3  
avg, IF

4.6  
L-index

#	Paper	IF	Citations
156	Early, goal-directed mobilisation in the surgical intensive care unit: a randomised controlled trial. <i>Lancet, The</i> , <b>2016</b> , 388, 1377-1388	4.0	334
155	Diaphragm muscle thinning in patients who are mechanically ventilated. <i>Chest</i> , <b>2012</b> , 142, 1455-1460	5.3	159
154	Transplantation trends in primary biliary cirrhosis. <i>Clinical Gastroenterology and Hepatology</i> , <b>2007</b> , 5, 1313-5	6.9	109
153	Can Sarcopenia Quantified by Ultrasound of the Rectus Femoris Muscle Predict Adverse Outcome of Surgical Intensive Care Unit Patients as well as Frailty? A Prospective, Observational Cohort Study. <i>Annals of Surgery</i> , <b>2016</b> , 264, 1116-1124	7.8	100
152	Computed tomography use in the adult emergency department of an academic urban hospital from 2001 to 2007. <i>Annals of Emergency Medicine</i> , <b>2010</b> , 56, 591-6	2.1	95
151	Adequate Nutrition May Get You Home: Effect of Caloric/Protein Deficits on the Discharge Destination of Critically Ill Surgical Patients. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2016</b> , 40, 37-44	4.2	81
150	The Deyo-Charlson and Elixhauser-van Walraven Comorbidity Indices as predictors of mortality in critically ill patients. <i>BMJ Open</i> , <b>2015</b> , 5, e008990	3	76
149	Diagnosis of sepsis from a drop of blood by measurement of spontaneous neutrophil motility in a microfluidic assay. <i>Nature Biomedical Engineering</i> , <b>2018</b> , 2, 207-214	19	60
148	The Surgeon as the Second Victim? Results of the Boston Intraoperative Adverse Events SurgeonsR Attitude (BISA) Study. <i>Journal of the American College of Surgeons</i> , <b>2017</b> , 224, 1048-1056	4.4	54
147	Variation of Opioid Prescribing Patterns among Patients undergoing Similar Surgery on the Same Acute Care Surgery Service of the Same Institution: Time for Standardization?. <i>Surgery</i> , <b>2018</b> , 164, 926-930	3.6	52
146	Microscale arrays for the profiling of start and stop signals coordinating human-neutrophil swarming. <i>Nature Biomedical Engineering</i> , <b>2017</b> , 1,	19	52
145	Global muscle strength but not grip strength predicts mortality and length of stay in a general population in a surgical intensive care unit. <i>Physical Therapy</i> , <b>2012</b> , 92, 1546-55	3.3	45
144	The Emergency Surgery Score (ESS) accurately predicts the occurrence of postoperative complications in emergency surgery patients. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2017</b> , 83, 84-89	3.3	42
143	RNase P ribozymes for the studies and treatment of human cytomegalovirus infections. <i>Journal of Clinical Virology</i> , <b>2002</b> , 25 Suppl 2, S63-74	14.5	39
142	Perioperative risk factors impact outcomes in emergency versus nonemergency surgery differently: Time to separate our national risk-adjustment models?. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2016</b> , 81, 122-30	3.3	37
141	Patterns of injury, outcomes, and predictors of in-hospital and 1-year mortality in nonagenarian and centenarian trauma patients. <i>JAMA Surgery</i> , <b>2014</b> , 149, 1054-9	5.4	33
140	Intraoperative Adverse Events in Abdominal Surgery: What Happens in the Operating Room Does Not Stay in the Operating Room. <i>Annals of Surgery</i> , <b>2017</b> , 265, 1119-1125	7.8	31

139	Hypophosphatemia in Enterally Fed Patients in the Surgical Intensive Care Unit. <i>Nutrition in Clinical Practice</i> , <b>2017</b> , 32, 252-257	3.6	26
138	Early nutritional inadequacy is associated with psoas muscle deterioration and worse clinical outcomes in critically ill surgical patients. <i>Journal of Critical Care</i> , <b>2018</b> , 45, 7-13	4	25
137	Serum Levels of Albumin and Prealbumin Do Not Correlate With Nutrient Delivery in Surgical Intensive Care Unit Patients. <i>Nutrition in Clinical Practice</i> , <b>2018</b> , 33, 419-425	3.6	23
136	Does the emergency surgery score accurately predict outcomes in emergent laparotomies?. <i>Surgery</i> , <b>2017</b> , 162, 445-452	3.6	22
135	Emergency Surgery Score Accurately Predicts the Risk of Post-Operative Infection in Emergency General Surgery. <i>Surgical Infections</i> , <b>2019</b> , 20, 4-9	2	22
134	Implementation of an Aggressive Enteral Nutrition Protocol and the Effect on Clinical Outcomes. <i>Nutrition in Clinical Practice</i> , <b>2017</b> , 32, 175-181	3.6	21
133	Radiation exposure among patients with the highest CT scan utilization in the emergency department. <i>Emergency Radiology</i> , <b>2013</b> , 20, 485-91	3	21
132	The financial impact of intraoperative adverse events in abdominal surgery. <i>Surgery</i> , <b>2015</b> , 158, 1382-8	3.6	20
131	Opening Pandora's box: understanding the nature, patterns, and 30-day outcomes of intraoperative adverse events. <i>American Journal of Surgery</i> , <b>2014</b> , 208, 626-31	2.7	20
130	Morbidity related to concomitant adhesions in abdominal surgery. <i>Journal of Surgical Research</i> , <b>2014</b> , 192, 286-92	2.5	17
129	The impact of major intraoperative adverse events on hospital readmissions. <i>American Journal of Surgery</i> , <b>2017</b> , 213, 10-17	2.7	17
128	Engineered RNase P ribozymes inhibit gene expression and growth of cytomegalovirus by increasing rate of cleavage and substrate binding. <i>Journal of Molecular Biology</i> , <b>2002</b> , 315, 573-86	6.5	17
127	Calculated decisions: COVID-19 calculators during extreme resource-limited situations. <i>Emergency Medicine Practice</i> , <b>2020</b> , 22, CD1-CD5	0.8	17
126	Emergency Department Utilization Report to Decrease Visits by Pediatric Gastroenterology Patients. <i>Pediatrics</i> , <b>2016</b> , 138,	7.4	16
125	Engineered RNase P ribozymes are efficient in cleaving a human cytomegalovirus mRNA in vitro and are effective in inhibiting viral gene expression and growth in human cells. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 37265-74	5.4	16
124	Magnitude of D-dimer matters for diagnosing pulmonary embolus. <i>American Journal of Emergency Medicine</i> , <b>2013</b> , 31, 942-5	2.9	15
123	Peer-to-peer physician feedback improves adherence to blood transfusion guidelines in the surgical intensive care unit. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2015</b> , 79, 65-70	3.3	15
122	Surgical Intensive Care Unit Optimal Mobilisation Score (SOMS) trial: a protocol for an international, multicentre, randomised controlled trial focused on goal-directed early mobilisation of surgical ICU patients. <i>BMJ Open</i> , <b>2013</b> , 3, e003262	3	15

121	In-hospital cardiac arrest in patients with coronavirus 2019. <i>Resuscitation</i> , <b>2021</b> , 160, 72-78	4	15
120	Microfluidic arenas for war games between neutrophils and microbes. <i>Lab on A Chip</i> , <b>2019</b> , 19, 1205-1216.2	6.2	14
119	Intraoperative Adverse Events: Risk Adjustment for Procedure Complexity and Presence of Adhesions Is Crucial. <i>Journal of the American College of Surgeons</i> , <b>2015</b> , 221, 345-53	4.4	14
118	Head computed tomography utilization and intracranial hemorrhage rates. <i>Emergency Radiology</i> , <b>2013</b> , 20, 219-23	3	13
117	Yield of head CT in the alcohol-intoxicated patient in the emergency department. <i>Emergency Radiology</i> , <b>2011</b> , 18, 381-4	3	13
116	Dexmedetomidine for sedation in the parturient with respiratory failure requiring noninvasive ventilation. <i>Respiratory Care</i> , <b>2012</b> , 57, 1967-9	2.1	13
115	The nature, patterns, clinical outcomes, and financial impact of intraoperative adverse events in emergency surgery. <i>American Journal of Surgery</i> , <b>2016</b> , 212, 16-23	2.7	12
114	"One-way-street" streamlined admission of critically ill trauma patients reduces emergency department length of stay. <i>Internal and Emergency Medicine</i> , <b>2017</b> , 12, 1019-1024	3.7	12
113	Effect of Transcranial Low-Level Light Therapy vs Sham Therapy Among Patients With Moderate Traumatic Brain Injury: A Randomized Clinical Trial. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2017337	10.4	11
112	Age Legislation and Off-Road Vehicle Injuries in Children. <i>Pediatrics</i> , <b>2017</b> , 140,	7.4	11
111	Impact of Urgent Care Openings on Emergency Department Visits to Two Academic Medical Centers Within an Integrated Health Care System. <i>Annals of Emergency Medicine</i> , <b>2020</b> , 75, 382-391	2.1	11
110	Cost savings associated with transfer of trauma patients within an accountable care organization. <i>American Journal of Emergency Medicine</i> , <b>2016</b> , 34, 455-8	2.9	11
109	The impact and sustainability of the graduated driver licensing program in preventing motor vehicle crashes in Massachusetts. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2015</b> , 78, 265-70; discussion 270-1	3.3	10
108	Are sexual assault victims presenting to the emergency department in a timely manner?. <i>Social Work</i> , <b>2015</b> , 60, 29-33	1.4	10
107	Advanced imaging use in intensive care units has decreased, resulting in lower charges without negative effects on patient outcomes. <i>Journal of Critical Care</i> , <b>2015</b> , 30, 460-4	4	9
106	Progressive mechanical confinement of chemotactic neutrophils induces arrest, oscillations, and retrotaxis. <i>Journal of Leukocyte Biology</i> , <b>2018</b> , 104, 1253-1261	6.5	9
105	The next step to reducing emergency department (ED) crowding: Engaging specialist physicians. <i>PLoS ONE</i> , <b>2018</b> , 13, e0201393	3.7	9
104	Use of Imaging in the Emergency Department: Do Individual Physicians Contribute to Variation?. <i>American Journal of Roentgenology</i> , <b>2019</b> , 213, 637-643	5.4	8

103	Periprocedural nutrition in the intensive care unit: a pilot study. <i>Journal of Surgical Research</i> , <b>2015</b> , 198, 346-50	2.5	8
102	Impact of a State Law on Physician Practice in Sports-Related Concussions. <i>Journal of Pediatrics</i> , <b>2016</b> , 178, 268-274	3.6	8
101	Computed tomography utilization rates after the placement of a scanner in an emergency department: a single-center experience. <i>Emergency Radiology</i> , <b>2014</b> , 21, 473-8	3	8
100	Are surgeons reluctant to accurately report intraoperative adverse events? A prospective study of 1,989 patients. <i>Surgery</i> , <b>2018</b> , 164, 525-529	3.6	8
99	Vancomycin continuous infusion versus intermittent infusion during continuous venovenous hemofiltration: slow and steady may win the race. <i>Annals of Intensive Care</i> , <b>2015</b> , 5, 10	8.9	7
98	Nutrition in the Surgical Intensive Care Unit: The Cost of Starting Low and Ramping Up Rates. <i>Nutrition in Clinical Practice</i> , <b>2016</b> , 31, 86-90	3.6	7
97	Goal-directed diuresis: A case - control study of continuous furosemide infusion in critically ill trauma patients. <i>Journal of Emergencies, Trauma and Shock</i> , <b>2015</b> , 8, 34-8	1.2	7
96	Mandatory health care insurance is associated with shorter hospital length of stay among critically injured trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2014</b> , 77, 298-303	3.3	7
95	Traumatic brain injury: A case-based review. <i>World Journal of Emergency Medicine</i> , <b>2013</b> , 4, 252-9	1.9	7
94	Early Protein Inadequacy Is Associated With Longer Intensive Care Unit Stay and Fewer Ventilator-Free Days: A Retrospective Analysis of Patients With Prolonged Surgical Intensive Care Unit Stay. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2018</b> , 42, 212-218	4.2	7
93	Patterns in computed tomography utilization among emergency physicians in an urban, academic emergency department. <i>Emergency Radiology</i> , <b>2014</b> , 21, 577-81	3	6
92	Using Physician-Level Emergency Department Utilization Reports to Address Avoidable Visits by Patients Managed by Pediatric Specialists. <i>Hospital Pediatrics</i> , <b>2017</b> , 7, 686-691	2.5	6
91	Prototype electronic stethoscope vs. conventional stethoscope for auscultation of heart sounds. <i>Journal of Medical Engineering and Technology</i> , <b>2014</b> , 38, 307-10	1.8	6
90	Elevated admission N-terminal pro-brain natriuretic peptide level predicts the development of atrial fibrillation in general surgical intensive care unit patients. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2017</b> , 83, 485-490	3.3	5
89	Creation of the first Hartford Consensus compliant elementary school in the USA. <i>Trauma Surgery and Acute Care Open</i> , <b>2016</b> , 1, e000031	2.4	5
88	The Association of Age With Short-Term and Long-Term Mortality in Adults Admitted to the Intensive Care Unit. <i>Journal of Intensive Care Medicine</i> , <b>2017</b> , 32, 554-558	3.3	5
87	Improving the State of Use and Understanding of Multistate Models in Critical Care. <i>Critical Care Medicine</i> , <b>2018</b> , 46, 1191-1192	1.4	5
86	Cost savings associated with decreased emergency department utilization by reporting emergency department visits to specialists. <i>American Journal of Emergency Medicine</i> , <b>2017</b> , 35, 1578-1579	2.9	4

85	The impact of the 2007 graduated driver licensing law in Massachusetts on the rate of citations and licensing in teenage drivers. <i>Journal of Safety Research</i> , <b>2017</b> , 61, 199-204	4	4
84	Health care utilization and charges following the enactment of the 2007 Graduated Drivers Licensing Law in Massachusetts. <i>Journal of Pediatric Surgery</i> , <b>2015</b> , 50, 1791-6	2.6	4
83	Significant but reasonable radiation exposure from computed tomography-related medical imaging in the ICU. <i>Emergency Radiology</i> , <b>2016</b> , 23, 141-6	3	4
82	Engineered RNase P ribozymes increase their cleavage activities and efficacies in inhibiting viral gene expression in cells by enhancing the rate of cleavage and binding of the target mRNA. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 32063-70	5.4	4
81	A low dose heparinized saline protocol is associated with improved duration of arterial line patency in critically ill COVID-19 patients. <i>Journal of Critical Care</i> , <b>2020</b> , 60, 253-259	4	4
80	Association of Hospital Characteristics With Early SEP-1 Performance. <i>American Journal of Medical Quality</i> , <b>2020</b> , 35, 110-116	1.1	4
79	The Successes and Challenges of Integrating Emergency Medicine With Critical Care Medicine. <i>Annals of Emergency Medicine</i> , <b>2018</b> , 71, 632-635	2.1	4
78	Association of magnetic resonance imaging for back pain on seven-day return visit to the Emergency Department. <i>Emergency Medicine Journal</i> , <b>2017</b> , 34, 677-679	1.5	3
77	The impact of a daily "medication time out" in the Intensive Care Unit. <i>Journal of Critical Care</i> , <b>2018</b> , 43, 366-369	4	3
76	Annals of Emergency Medicine Journal Club. Is it still cool to cool? Interpreting the latest hypothermia for cardiac arrest trial: answers to the March 2014 Journal Club questions. <i>Annals of Emergency Medicine</i> , <b>2014</b> , 64, 199-206	2.1	3
75	Diabetic ketoacidosis and hyperglycemic hyperosmolar state 389-396		3
74	Emergency department visits by patients with an internal medicine specialist: understanding the role of specialists in reducing ED crowding. <i>Internal and Emergency Medicine</i> , <b>2019</b> , 14, 777-782	3.7	3
73	Developing and Testing a Chart Abstraction Tool for ICU Quality Measurement. <i>American Journal of Medical Quality</i> , <b>2019</b> , 34, 324-330	1.1	3
72	Impact of a Multidisciplinary Bundle on Time to Antibiotic Administration in Septic SICU Patients. <i>Journal of Intensive Care Medicine</i> , <b>2017</b> , 32, 494-499	3.3	2
71	Randomized controlled trial of different aspirin regimens for reduction of niacin-induced flushing. <i>American Journal of Health-System Pharmacy</i> , <b>2017</b> , 74, 898-903	2.2	2
70	Trapped Chromatin Fibers Damage Flowing Red Blood Cells. <i>Advanced Biology</i> , <b>2018</b> , 2, 1800040	3.5	2
69	In patients presenting with transient ischemic attack, does the ABCD(2) clinical prediction rule provide adequate risk stratification for clinical decision making in the emergency department?. <i>Annals of Emergency Medicine</i> , <b>2013</b> , 62, 14-5	2.1	2
68	Pneumatosis intestinalis on plain film. <i>Journal of Emergency Medicine</i> , <b>2013</b> , 44, 175-6	1.5	2

67	Comparing neighborhood-based indices of socioeconomic risk factors and potentially preventable emergency department utilization. <i>American Journal of Emergency Medicine</i> , <b>2021</b> , 44, 213-219	2.9	2
66	Recurrent Hydrochlorothiazide-Induced Acute Respiratory Distress Syndrome Treated With Extracorporeal Membrane Oxygenation. <i>Journal of Emergency Medicine</i> , <b>2018</b> , 55, 836-840	1.5	2
65	One-way-street revisited: Streamlined admission of critically-ill trauma patients. <i>American Journal of Emergency Medicine</i> , <b>2020</b> , 38, 2028-2033	2.9	1
64	March 2014 Annals of Emergency Medicine Journal Club. Is it still cool to cool? Interpreting the latest hypothermia for cardiac arrest trial. <i>Annals of Emergency Medicine</i> , <b>2014</b> , 63, 368-9	2.1	1
63	Severe pelvic trauma90-95		1
62	Disseminated intravascular coagulation and thrombotic thrombocytopenic purpura/hemolytic uremic syndrome330-336		1
61	Rigler sign: a subtle finding of pneumoperitoneum. <i>Internal and Emergency Medicine</i> , <b>2010</b> , 5, 353-4	3.7	1
60	The medical right to repair: the right to save lives. <i>Lancet, The</i> , <b>2021</b> , 397, 1260-1261	4.0	1
59	Reduction in pediatric gastroenterology ED visits can be sustained through physician accountability and financial incentives. <i>American Journal of Emergency Medicine</i> , <b>2019</b> , 37, 1124-1127	2.9	0
58	Emergency department rectal temperatures in over 10 years: A retrospective observational study. <i>World Journal of Emergency Medicine</i> , <b>2013</b> , 4, 107-12	1.9	0
57	Enteral nutrition is associated with high rates of pneumonia in intensive care unit (ICU) patients with acute pancreatitis.. <i>Journal of Critical Care</i> , <b>2022</b> , 69, 154012	4	0
56	Planning for the next Pandemic: Trauma Injuries Require Pre-COVID-19 Levels of High-Intensity Resources.. <i>American Surgeon</i> , <b>2022</b> , 31348221087414	0.8	0
55	Trauma Patients: Health Insurance Reform Is Only the Beginning. <i>JAMA Surgery</i> , <b>2015</b> , 150, 616	5.4	
54	Massachusetts Graduated Driver-Licensing Program. <i>Health Affairs</i> , <b>2015</b> , 34, 1609	7	
53	Injury Prevention as an Integral Part of Health System Reform Efforts: Lessons Learned from Recently Enacted Massachusetts Laws. <i>Health Systems and Reform</i> , <b>2015</b> , 1, 257-262	4.2	
52	Weight based heparin dosing for thromboembolic disease is associated with earlier anticoagulation in surgical patients. <i>International Journal of Surgery</i> , <b>2014</b> , 12, 1416-9	7.5	
51	Multiple occipital ring-enhancing lesions in a healthy woman. <i>Journal of Emergency Medicine</i> , <b>2012</b> , 42, 576-7	1.5	
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4 Reducing Emergency Department Utilization by Engaging Specialists. *Annals of Emergency Medicine*, 2018, 72, 732-733 2.1

3 In reply. *Annals of Emergency Medicine*, 2018, 72, 506 2.1

2 Intensive Care Unit Volume of Sepsis Patients Does Not Affect Mortality: Results of a Nationwide Retrospective Analysis. *Journal of Intensive Care Medicine*, 2021, 8850666211024184 3.3

1 Hospital Academic Status and the Volume-Outcome Association in Postoperative Patients Requiring Intensive Care: Results of a Nationwide Analysis of Intensive Care Units in the United States.. *Journal of Intensive Care Medicine*, 2022, 8850666221094506 3.3