

Leon D Sanchez

List of Publications by Year in Descending Order

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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.

123 papers	1,274 citations	21 h-index	31 g-index
135 ext. papers	1,620 ext. citations	3.2 avg, IF	4.92 L-index

#	Paper	IF	Citations
123	Neurocognition after motor vehicle collision and adverse post-traumatic neuropsychiatric sequelae within 8 weeks: Initial findings from the AURORA study. <i>Journal of Affective Disorders</i> , 2022 , 298, 57-67	6.6	1
122	Prior histories of posttraumatic stress disorder and major depression and their onset and course in the three months after a motor vehicle collision in the AURORA study. <i>Depression and Anxiety</i> , 2021 , 36, 100-107	8.4	1
121	Brain-Based Biotypes of Psychiatric Vulnerability in the Acute Aftermath of Trauma. <i>American Journal of Psychiatry</i> , 2021 , 178, 1037-1049	11.9	5
120	Early, awake prone in emergency department patients with COVID-19. <i>American Journal of Emergency Medicine</i> , 2021 , 46, 640-645	2.9	6
119	Emergency physicians' active patient queues over the course of a shift. <i>American Journal of Emergency Medicine</i> , 2021 , 46, 254-259	2.9	1
118	Socio-demographic and trauma-related predictors of PTSD within 8 weeks of a motor vehicle collision in the AURORA study. <i>Molecular Psychiatry</i> , 2021 , 26, 3108-3121	15.1	6
117	Emergency Medicine Residents Experience Acute Stress While Working in the Emergency Department. <i>Western Journal of Emergency Medicine</i> , 2021 , 22, 801	3.3	
116	Association of resident characteristics with patterns of patient self-assignment. <i>American Journal of Emergency Medicine</i> , 2021 , 44, 112-115	2.9	1
115	Are Smaller Emergency Departments More Prone to Volume Variability?. <i>Western Journal of Emergency Medicine</i> , 2021 , 22, 878-881	3.3	1
114	Estimating maximum patient throughput at an ED scanner: Is three patients per hour the magic number?. <i>American Journal of Emergency Medicine</i> , 2021 , 40, 159-161	2.9	
113	Decreased hospital admissions through emergency departments during the COVID-19 pandemic. <i>American Journal of Emergency Medicine</i> , 2021 , 42, 203-210	2.9	36
112	Prior sleep problems and adverse post-traumatic neuropsychiatric sequelae of motor vehicle collision in the AURORA study. <i>Sleep</i> , 2021 , 44, 100-107	1.1	6
111	Prognostic neuroimaging biomarkers of trauma-related psychopathology: resting-state fMRI shortly after trauma predicts future PTSD and depression symptoms in the AURORA study. <i>Neuropsychopharmacology</i> , 2021 , 46, 1263-1271	8.7	7
110	An Automated Tobacco Cessation Intervention for Emergency Department Discharged Patients. <i>Western Journal of Emergency Medicine</i> , 2021 , 22, 1010-1013	3.3	78
109	Understanding Demand and Capacity Mismatch in an Academic Emergency Department Using a Staircase Model of Provider Capacity and Staggered Shift Start Times. <i>Journal of Emergency Medicine</i> , 2021 , 61, 336-343	1.5	1
108	Hypothermia following cold-water immersion treatment for exertional heat illness. <i>Research in Sports Medicine</i> , 2021 , 1-5	3.8	
107	Classification and Prediction of Post-Trauma Outcomes Related to PTSD Using Circadian Rhythm Changes Measured via Wrist-Worn Research Watch in a Large Longitudinal Cohort. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , 25, 2866-2876	7.2	2

106	A retrospective multistate analysis: Do regional football games impact emergency department patient volume?. <i>Journal of the American College of Emergency Physicians Open</i> , 2021 , 2, e12551	1.6	
105	Development and Validation of a Model to Predict Posttraumatic Stress Disorder and Major Depression After a Motor Vehicle Collision. <i>JAMA Psychiatry</i> , 2021 , 78, 1228-1237	14.5	3
104	Thalamic volume and fear extinction interact to predict acute posttraumatic stress severity. <i>Journal of Psychiatric Research</i> , 2021 , 141, 325-332	5.2	2
103	A prospective examination of sex differences in posttraumatic autonomic functioning. <i>Neurobiology of Stress</i> , 2021 , 15, 100384	7.6	3
102	Analysis of time-to-disposition intervals during early and late parts of an emergency department shift. <i>American Journal of Emergency Medicine</i> , 2021 , 50, 477-480	2.9	
101	A machine learning framework to predict the risk of opioid use disorder. <i>Machine Learning With Applications</i> , 2021 , 6, 100144	6.5	1
100	Later emergency provider shift hour is associated with increased risk of admission: a retrospective cohort study. <i>BMJ Quality and Safety</i> , 2020 , 29, 465-471	5.4	3
99	Resident Productivity and the Challenge of Measuring Individual Progress in Resident Education. <i>Journal of Emergency Medicine</i> , 2020 , 58, 128-129	1.5	
98	Who should we treat: elective surgical admissions or patients with COVID-19?. <i>American Journal of Managed Care</i> , 2020 , 26, 423-424	2.1	2
97	Pedometer-measured physical activity among emergency physicians during shifts. <i>American Journal of Emergency Medicine</i> , 2020 , 38, 118-121	2.9	6
96	The AURORA Study: a longitudinal, multimodal library of brain biology and function after traumatic stress exposure. <i>Molecular Psychiatry</i> , 2020 , 25, 283-296	15.1	38
95	Physician Well-Being. <i>Emergency Medicine Clinics of North America</i> , 2020 , 38, 297-310	1.9	2
94	Management of the Academic Emergency Department. <i>Emergency Medicine Clinics of North America</i> , 2020 , 38, 715-727	1.9	0
93	Socio-demographic and trauma-related predictors of depression within eight weeks of motor vehicle collision in the AURORA study. <i>Psychological Medicine</i> , 2020 , 1-14	6.9	9
92	Fever Incidence Is Much Lower in the Morning than the Evening: Boston and US National Triage Data. <i>Western Journal of Emergency Medicine</i> , 2020 , 21, 909-917	3.3	6
91	Social Determinants of Hallway Bed Use. <i>Western Journal of Emergency Medicine</i> , 2020 , 21, 949-958	3.3	
90	Deep-learning approaches to identify critically ill patients at emergency department triage using limited information. <i>Journal of the American College of Emergency Physicians Open</i> , 2020 , 1, 773-781	1.6	10
89	Salivary Cortisol Concentrations, Grit, and the Effect of Time. <i>AEM Education and Training</i> , 2020 , 4, 30-35	2.2	3

88	The daily, weekly, and seasonal cycles of body temperature analyzed at large scale. <i>Chronobiology International</i> , 2019 , 36, 1646-1657	3.6	15
87	Pulse Rate Variability in Emergency Physicians During Shifts: Pilot Cross-Sectional Study. <i>JMIR MHealth and UHealth</i> , 2019 , 7, e13909	5.5	4
86	What's new in emergencies, trauma and shock? Using queuing theory to optimize the emergency department triage process 2019 , 12, 225		0
85	Grit, anxiety, and stress in emergency physicians. <i>American Journal of Emergency Medicine</i> , 2018 , 36, 1036-1039	3.3	23
84	Interphysician Differences in Emergency Department Length of Stay. <i>Journal of Emergency Medicine</i> , 2018 , 54, 702-710.e1	1.5	3
83	Efficiency of electronic signout for ED-to-inpatient admission at a non-teaching hospital. <i>Internal and Emergency Medicine</i> , 2018 , 13, 1105-1110	3.7	3
82	Effect of emergency physician burnout on patient waiting times. <i>Internal and Emergency Medicine</i> , 2018 , 13, 373-374	3.7	3
81	Modelling attending physician productivity in the emergency department: a multicentre study. <i>Emergency Medicine Journal</i> , 2018 , 35, 317-322	1.5	17
80	The Effect of Signed-Out Emergency Department Patients on Resident Productivity. <i>Journal of Emergency Medicine</i> , 2018 , 55, 244-251	1.5	6
79	Are testers also admitters? Comparing emergency physician resource utilization and admitting practices. <i>American Journal of Emergency Medicine</i> , 2018 , 36, 1865-1869	2.9	7
78	Commentary. <i>Clinical Chemistry</i> , 2018 , 64, 1005	5.5	
77	Research Priorities for Physician Wellness in Academic Emergency Medicine: Consensus from the Society of Academic Emergency Medicine Wellness Committee. <i>AEM Education and Training</i> , 2018 , 2, S40-S47	2.2	3
76	Experience Within the Emergency Department and Improved Productivity for First-Year Residents in Emergency Medicine and Other Specialties. <i>Western Journal of Emergency Medicine</i> , 2018 , 19, 128-133	3.3	5
75	Modeling Hourly Resident Productivity in the Emergency Department. <i>Annals of Emergency Medicine</i> , 2017 , 70, 185-190.e6	2.1	21
74	The Absence of Fever Is Associated With Higher Mortality and Decreased Antibiotic and IV Fluid Administration in Emergency Department Patients With Suspected Septic Shock. <i>Critical Care Medicine</i> , 2017 , 45, e575-e582	1.4	29
73	Do Slow and Steady Residents Win the Race? Modeling the Effects of Peak and Overall Resident Productivity in the Emergency Department. <i>Journal of Emergency Medicine</i> , 2017 , 53, 252-259	1.5	6
72	Outcomes in variceal hemorrhage following the use of a balloon tamponade device. <i>American Journal of Emergency Medicine</i> , 2017 , 35, 1500-1502	2.9	11
71	Clinical Vignettes Inadequate to Assess Impact of Implicit Bias: Concerning Limitations of a Systematic Review. <i>Academic Emergency Medicine</i> , 2017 , 24, 1531-1532	3.4	5

70	A Model for Electronic Handoff Between the Emergency Department and Inpatient Units. <i>Journal of Emergency Medicine</i> , 2017 , 53, 142-150	1.5	12
69	Ethnographic analysis on the use of the electronic medical record for clinical handoff. <i>Internal and Emergency Medicine</i> , 2017 , 12, 1265-1272	3.7	6
68	Serum Lactate Predicts Adverse Outcomes in Emergency Department Patients With and Without Infection. <i>Western Journal of Emergency Medicine</i> , 2017 , 18, 258-266	3.3	15
67	Using markedly abnormal vital signs in the emergency department to anticipate needs for intensive care unit admission. <i>Journal of Acute Disease</i> , 2017 , 6, 268	0.9	1
66	Can an emergency department clinical "triggers" program based on abnormal vital signs improve patient outcomes?. <i>Canadian Journal of Emergency Medicine</i> , 2017 , 19, 249-255	0.6	4
65	Human temperatures for syndromic surveillance in the emergency department: data from the autumn wave of the 2009 swine flu (H1N1) pandemic and a seasonal influenza outbreak. <i>BMC Emergency Medicine</i> , 2016 , 16, 16	2.4	6
64	Comparison of 1-Day Emergency Department Observation and Inpatient Ward for 1-Day Admissions in Syncope Patients. <i>Journal of Emergency Medicine</i> , 2016 , 50, 217-22	1.5	8
63	A comparison of command center activations versus disaster drills at three institutions from 2013 to 2015. <i>American Journal of Disaster Medicine</i> , 2016 , 11, 33-42	0.6	1
62	Assessing The Predictive Value of Clinical Factors Used to Determine The Presence of Sepsis Causing Shock in the Emergency Department. <i>Shock</i> , 2016 , 46, 27-32	3.4	5
61	The effect of an emergency department clinical Triggers program based on abnormal vital signs. <i>Journal of Acute Disease</i> , 2015 , 4, 32-36	0.9	3
60	The Utility of Inflammatory and Endothelial Markers to Identify Infection in Emergency Department Patients. <i>Shock</i> , 2015 , 44, 215-20	3.4	7
59	Waiting for triage: unmeasured time in patient flow. <i>Western Journal of Emergency Medicine</i> , 2015 , 16, 39-42	3.3	7
58	Derivation and Validation of Predictive Factors for Clinical Deterioration after Admission in Emergency Department Patients Presenting with Abnormal Vital Signs Without Shock. <i>Western Journal of Emergency Medicine</i> , 2015 , 16, 1059-66	3.3	9
57	Survey of publications and the H-index of Academic Emergency Medicine Professors. <i>Western Journal of Emergency Medicine</i> , 2014 , 15, 290-2	3.3	20
56	Patient care transitions from the emergency department to the medicine ward: evaluation of a standardized electronic signout tool. <i>International Journal for Quality in Health Care</i> , 2014 , 26, 337-47	1.9	34
55	Evaluating the effect of emergency residency training on productivity in the emergency department. <i>Journal of Emergency Medicine</i> , 2013 , 45, 414-8	1.5	17
54	Identifying patients with cellulitis who are likely to require inpatient admission after a stay in an ED observation unit. <i>American Journal of Emergency Medicine</i> , 2013 , 31, 360-4	2.9	29
53	Are One-Day Admissions Better than Emergency Department Observation in Syncope Patients?. <i>Annals of Emergency Medicine</i> , 2013 , 62, S112	2.1	2

52	Under-represented minorities in emergency medicine. <i>Journal of Emergency Medicine</i> , 2013 , 45, 100-4	1.5	30
51	Evaluating how electronic charting affects resident productivity. <i>Internal and Emergency Medicine</i> , 2013 , 8, 169-72	3.7	3
50	Creatine kinase-MB does not add additional benefit to a negative troponin in the evaluation of chest pain. <i>American Journal of Emergency Medicine</i> , 2012 , 30, 188-90	2.9	24
49	Should creatine kinase-MB index be eliminated in patients with indeterminate troponins in the ED?. <i>American Journal of Emergency Medicine</i> , 2012 , 30, 1574-6	2.9	7
48	Prevalence of bicycle helmet use by users of public bikeshare programs. <i>Annals of Emergency Medicine</i> , 2012 , 60, 228-31	2.1	53
47	Eliminating routine oral contrast use for CT in the emergency department: impact on patient throughput and diagnosis. <i>Emergency Radiology</i> , 2012 , 19, 513-7	3	37
46	Physician in triage improves emergency department patient throughput. <i>Internal and Emergency Medicine</i> , 2012 , 7, 457-62	3.7	46
45	Effect of two different FDA-approved D-dimer assays on resource utilization in the emergency department. <i>Academic Emergency Medicine</i> , 2011 , 18, 317-21	3.4	2
44	Emergency department abnormal vital sign "triggers" program improves time to therapy. <i>Academic Emergency Medicine</i> , 2011 , 18, 483-7	3.4	27
43	Anterior versus lateral needle decompression of tension pneumothorax: comparison by computed tomography chest wall measurement. <i>Academic Emergency Medicine</i> , 2011 , 18, 1022-6	3.4	33
42	Use of separate venipunctures for IV access and laboratory studies decreases hemolysis rates. <i>Internal and Emergency Medicine</i> , 2011 , 6, 357-9	3.7	19
41	Is telemetry useful in evaluating chest pain patients in an observation unit?. <i>Internal and Emergency Medicine</i> , 2011 , 6, 543-6	3.7	6
40	Resident experience of abuse and harassment in emergency medicine: ten years later. <i>Journal of Emergency Medicine</i> , 2010 , 38, 248-52	1.5	46
39	A qualification course in an international emergency medicine intervention. <i>Journal of Emergency Medicine</i> , 2010 , 39, 234-9	1.5	3
38	An intoxicated man with facial trauma. <i>Internal and Emergency Medicine</i> , 2010 , 5, 145-9	3.7	
37	A 50-year-old woman presenting after a motor vehicle collision. <i>Internal and Emergency Medicine</i> , 2010 , 5, 245-9	3.7	
36	Eliminating amylase testing from the evaluation of pancreatitis in the emergency department. <i>Western Journal of Emergency Medicine</i> , 2010 , 11, 344-7	3.3	9
35	Adherence to dose of succinylcholine and etomidate in the emergency department. <i>Western Journal of Emergency Medicine</i> , 2010 , 11, 432-4	3.3	4

34	A 67-year-old man with anterior neck swelling. <i>Internal and Emergency Medicine</i> , 2009 , 4, 333-8	3.7	1
33	Is a postintubation chest radiograph necessary in the emergency department?. <i>International Journal of Emergency Medicine</i> , 2009 , 2, 247-9	3.9	5
32	The evaluation of cardiac complaints in marathon runners. <i>Journal of Emergency Medicine</i> , 2009 , 36, 369-76	3.6	11
31	A 24-year-old woman with abdominal pain. <i>Journal of Emergency Medicine</i> , 2008 , 34, 199-201	1.5	
30	Ophthalmologic procedures in the emergency department. <i>Emergency Medicine Clinics of North America</i> , 2008 , 26, 17-34, v-vi	1.9	20
29	Evaluation of an international emergency medicine intervention in Tuscany. <i>European Journal of Emergency Medicine</i> , 2008 , 15, 75-9	2.3	4
28	Intubation practice patterns in Tuscan emergency departments. <i>International Journal of Emergency Medicine</i> , 2008 , 1, 127-9	3.9	6
27	Mortality after emergency department intubation. <i>International Journal of Emergency Medicine</i> , 2008 , 1, 131-3	3.9	8
26	Acute shortness of breath 10 years post laryngectomy. <i>Internal and Emergency Medicine</i> , 2008 , 3, 145-9	3.7	2
25	A 59-year-old man with acute drug overdose. <i>Internal and Emergency Medicine</i> , 2008 , 3, 361-4	3.7	
24	The Tuscan Emergency Medicine Initiative. <i>Annals of Emergency Medicine</i> , 2007 , 50, 726-32	2.1	13
23	The effects of clinical workload on teaching in the emergency department. <i>Academic Emergency Medicine</i> , 2007 , 14, 526-31	3.4	40
22	A 29-year-old man with subcutaneous emphysema of the neck following blunt trauma. <i>Internal and Emergency Medicine</i> , 2007 , 2, 50-2	3.7	3
21	Community-acquired methicillin-resistant <i>Staphylococcus aureus</i> cellulitis. <i>Internal and Emergency Medicine</i> , 2007 , 2, 137-9	3.7	
20	A 92-year-old woman with dyspnoea and stridor. <i>Internal and Emergency Medicine</i> , 2007 , 2, 133-6	3.7	
19	A 36-year-old man with odynophagia. <i>Internal and Emergency Medicine</i> , 2007 , 2, 219-23	3.7	
18	Heart rate variability in elite American track-and-field athletes. <i>Journal of Strength and Conditioning Research</i> , 2007 , 21, 227-31	3.2	39
17	A comparison between the efficacy of lectures given by emergency and non-emergency physicians in an international emergency medicine educational intervention. <i>Internal and Emergency Medicine</i> , 2006 , 1, 67-71	3.7	3

16	Traumatic esophageal perforation. <i>Internal and Emergency Medicine</i> , 2006 , 1, 72-5	3.7	1
15	A 2.5-year-old child with a history of a foreign body aspiration. <i>Internal and Emergency Medicine</i> , 2006 , 1, 305-9	3.7	
14	Headache in a patient with ulcerative colitis. <i>Internal and Emergency Medicine</i> , 2006 , 1, 155-9	3.7	6
13	Pulmonary emergencies in the elderly. <i>Emergency Medicine Clinics of North America</i> , 2006 , 24, 317-38, vi	1.9	13
12	Medical problems of marathon runners. <i>American Journal of Emergency Medicine</i> , 2006 , 24, 608-15	2.9	58
11	Ischemic colitis in marathon runners: a case-based review. <i>Journal of Emergency Medicine</i> , 2006 , 30, 321-6.5		42
10	Syncope with exertional dyspnea. <i>Journal of Emergency Medicine</i> , 2006 , 31, 87-90	1.5	
9	Procedure lab used to improve confidence in the performance of rarely performed procedures. <i>European Journal of Emergency Medicine</i> , 2006 , 13, 29-31	2.3	31
8	Gunshot Attack: Mass Casualties 2006 , 807-809		
7	Sniper Attack 2006 , 810-812		
6	An uncommon presentation of acute angle closure glaucoma. <i>Journal of Emergency Medicine</i> , 2005 , 29, 43-4	1.5	5
5	Accuracy of weight estimation by ED personnel. <i>American Journal of Emergency Medicine</i> , 2005 , 23, 915-6.9		18
4	Myasthenia gravis: lessons for the emergency physician. <i>European Journal of Emergency Medicine</i> , 2005 , 12, 324-6	2.3	4
3	Fever. <i>Journal of Emergency Medicine</i> , 2004 , 26, 111-6	1.5	
2	Fevers Are Rarer in the Morning Could We Be Missing Infectious Disease Cases by Screening for Fever Then?		1
1	Deep-Learning Approaches to Identify Critically Ill Patients at Emergency Department Triage Using Limited Information		1