

Lenar Yessayan

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

105
papers

2,287
citations

27
h-index

45
g-index

115
ext. papers

3,013
ext. citations

2.8
avg. IF

4.97
L-index

#	Paper	IF	Citations
105	Management of Acute Kidney Injury/Renal Replacement Therapy in the Intensive Care Unit. <i>Surgical Clinics of North America</i> , 2022 , 102, 181-198	4	0
104	Characterization of Inhaled Nitric Oxide Use for Cardiac Indications in Pediatric Patients.. <i>Pediatric Critical Care Medicine</i> , 2022 , 23,	3	1
103	Extracorporeal Immunomodulation Treatment and Clinical Outcomes in ICU COVID-19 Patients 2022 , 4, e0694		0
102	Continuous Renal Replacement Therapy among Patients with COVID-19 and Acute Kidney Injury. <i>Blood Purification</i> , 2021 , 1-8	3.1	0
101	Health-Related Quality of Life After Community-Acquired Septic Shock in Children With Preexisting Severe Developmental Disabilities. <i>Pediatric Critical Care Medicine</i> , 2021 , 22, e302-e313	3	6
100	Regional Citrate Anticoagulation Protocol for Patients with Presumed Absent Citrate Metabolism.. <i>Kidney360</i> , 2021 , 2, 192-204	1.8	3
99	Biomarkers for Estimating Risk of Hospital Mortality and Long-Term Quality-of-Life Morbidity After Surviving Pediatric Septic Shock: A Secondary Analysis of the Life After Pediatric Sepsis Evaluation Investigation. <i>Pediatric Critical Care Medicine</i> , 2021 , 22, 8-15	3	9
98	Therapeutic Alliance Between Bereaved Parents and Physicians in the PICU. <i>Pediatric Critical Care Medicine</i> , 2021 , 22, e243-e252	3	3
97	Deployment of a New CRRT/PIRRT Device during the COVID-19 Pandemic Emergency: Organizational Challenges and Implementation Results. <i>Blood Purification</i> , 2021 , 50, 390-398	3.1	1
96	Management of dysnatremias with continuous renal replacement therapy. <i>Seminars in Dialysis</i> , 2021 , 34, 472-479	2.5	4
95	Regional citrate anticoagulation "non-shock" protocol with pre-calculated flow settings for patients with at least 6 L/hour liver citrate clearance. <i>BMC Nephrology</i> , 2021 , 22, 244	2.7	1
94	Cardiopulmonary Resuscitation and Rescue Therapies. <i>Critical Care Medicine</i> , 2021 , 49, 1375-1388	1.4	0
93	A digital protein microarray for COVID-19 cytokine storm monitoring. <i>Lab on A Chip</i> , 2021 , 21, 331-343	7.2	14
92	How To Prescribe And Troubleshoot Continuous Renal Replacement Therapy: A Case-Based Review.. <i>Kidney360</i> , 2021 , 2, 371-384	1.8	1
91	Technology Innovations in Continuous Kidney Replacement Therapy: The Clinician's Perspective. <i>Advances in Chronic Kidney Disease</i> , 2021 , 28, 3-12	4.7	1
90	Serial Neurologic Assessment in Pediatrics (SNAP): A New Tool for Bedside Neurologic Assessment of Critically Ill Children. <i>Pediatric Critical Care Medicine</i> , 2021 , 22, 483-495	3	2
89	Improvement in Health-Related Quality of Life After Community Acquired Pediatric Septic Shock. <i>Frontiers in Pediatrics</i> , 2021 , 9, 675374	3.4	1

88	Angioplasty Induced Changes in Dialysis Vascular Access Compliance. <i>Annals of Biomedical Engineering</i> , 2021 , 49, 2635-2645	4.7	
87	National Landscape of Hospitalizations in Patients with Left Ventricular Assist Device. Insights from the National Readmission Database 2010-2015. <i>ASAIO Journal</i> , 2020 , 66, 1087-1094	3.6	1
86	VAD 911: Process Improvement for First Responders Treating Ventricular Assist Device Patients. <i>ASAIO Journal</i> , 2020 , 66, 1120-1126	3.6	
85	Treatment of Cytokine Storm in COVID-19 Patients With Immunomodulatory Therapy. <i>ASAIO Journal</i> , 2020 , 66, 1079-1083	3.6	17
84	Critical Illness Factors Associated With Long-Term Mortality and Health-Related Quality of Life Morbidity Following Community-Acquired Pediatric Septic Shock. <i>Critical Care Medicine</i> , 2020 , 48, 319-328	1.4	3 ¹
83	Trajectory of Mortality and Health-Related Quality of Life Morbidity Following Community-Acquired Pediatric Septic Shock. <i>Critical Care Medicine</i> , 2020 , 48, 329-337	1.4	4 ⁰
82	Survival rate in acute kidney injury superimposed COVID-19 patients: a systematic review and meta-analysis. <i>Renal Failure</i> , 2020 , 42, 393-397	2.9	7 ²
81	Hyponatremia 2020 , 381-387		
80	Outcomes of Adults with Congenital Heart Disease Supported with Extracorporeal Life Support After Cardiac Surgery. <i>ASAIO Journal</i> , 2020 , 66, 1096-1104	3.6	0
79	Balanced Biventricular Assist Versus Extracorporeal Membrane Oxygenation in Cardiac Arrest. <i>ASAIO Journal</i> , 2020 , 66, 1110-1119	3.6	0
78	A Core Outcome Set for Pediatric Critical Care. <i>Critical Care Medicine</i> , 2020 , 48, 1819-1828	1.4	3 ¹
77	Pulse Oximetry Is Unreliable in Patients on Veno-Venous Extracorporeal Membrane Oxygenation Caused by Unrecognized Carboxyhemoglobinemia. <i>ASAIO Journal</i> , 2020 , 66, 1105-1109	3.6	2
76	Risk Factors for Mortality in Refractory Pediatric Septic Shock Supported with Extracorporeal Life Support. <i>ASAIO Journal</i> , 2020 , 66, 1152-1160	3.6	4
75	Right Heart Failure While on Left Ventricular Assist Device Support Is Associated with Primary Graft Dysfunction. <i>ASAIO Journal</i> , 2020 , 66, 1137-1141	3.6	3
74	Association of Duration of Hypotension With Survival After Pediatric Cardiac Arrest. <i>Pediatric Critical Care Medicine</i> , 2020 , 21, 143-149	3	9
73	Prevalence and Outcomes of Pediatric In-Hospital Cardiac Arrest Associated With Pulmonary Hypertension. <i>Pediatric Critical Care Medicine</i> , 2020 , 21, 305-313	3	5
72	Lipoteichoic Acid as a Potential Noninvasive Biomarker of Biofilm in Dialysis Access. <i>ASAIO Journal</i> , 2020 , 66, 960-965	3.6	
71	Deployment of a Clinical Pathway to Improve Postcardiac Arrest Care: A Before-After Study. <i>Pediatric Critical Care Medicine</i> , 2020 , 21, e898-e907	3	5

70	Trajectories and Risk Factors for Altered Physical and Psychosocial Health-Related Quality of Life After Pediatric Community-Acquired Septic Shock. <i>Pediatric Critical Care Medicine</i> , 2020 , 21, 869-878	3	10
69	Loss of Pulsatility: Another Cause of Syncope in Patients with Left Ventricular Assist Devices. <i>ASAIO Journal</i> , 2020 , 66, e128-e130	3.6	1
68	Lung Transplantation Using a Hybrid Extracorporeal Membrane Oxygenation Circuit. <i>ASAIO Journal</i> , 2020 , 66, e123-e125	3.6	8
67	Inhaled Nitric Oxide Use in Pediatric Hypoxemic Respiratory Failure. <i>Pediatric Critical Care Medicine</i> , 2020 , 21, 708-719	3	4
66	Innovations in CKRT: individualized therapy with fewer complications. <i>Nature Reviews Nephrology</i> , 2020 , 16, 560-561	14.9	2
65	Circulating Neurofilament Light Chain Is Associated With Survival After Pediatric Cardiac Arrest. <i>Pediatric Critical Care Medicine</i> , 2020 , 21, 656-661	3	4
64	The Workforce in Critical Care Nephrology: Challenges and Opportunities. <i>Advances in Chronic Kidney Disease</i> , 2020 , 27, 328-335.e1	4.7	
63	Pediatric Resuscitation Practices During the Coronavirus Disease 2019 Pandemic. <i>Pediatric Critical Care Medicine</i> , 2020 , 21, e651-e660	3	8
62	Longitudinal Trajectories of Caregiver Distress and Family Functioning After Community-Acquired Pediatric Septic Shock. <i>Pediatric Critical Care Medicine</i> , 2020 , 21, 787-796	3	4
61	Development of the Pediatric Extracorporeal Membrane Oxygenation Prediction Model for Risk-Adjusting Mortality. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, 426-434	3	12
60	Inter-Rater Reliability Between Critical Care Nurses Performing a Pediatric Modification to the Glasgow Coma Scale. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, 660-666	3	4
59	The Association of Hospital Rate of Delayed Epinephrine Administration With Survival to Discharge for Pediatric Nonshockable In-Hospital Cardiac Arrest. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, 405-416 ³		5
58	Current Epidemiology of Vocal Cord Dysfunction After Congenital Heart Surgery in Young Infants. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, 817-825	3	11
57	Epidemiologic Trends of Adoption of Do-Not-Resuscitate Status After Pediatric In-Hospital Cardiac Arrest. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, e432-e440	3	3
56	Matched Retrospective Cohort Study of Thiamine to Treat Persistent Hyperlactatemia in Pediatric Septic Shock. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, e452-e456	3	9
55	Ventilation Rates and Pediatric In-Hospital Cardiac Arrest Survival Outcomes. <i>Critical Care Medicine</i> , 2019 , 47, 1627-1636	1.4	27
54	Fluid Overload Associates With Major Adverse Kidney Events in Critically Ill Patients With Acute Kidney Injury Requiring Continuous Renal Replacement Therapy. <i>Critical Care Medicine</i> , 2019 , 47, e753-e760	1.4	48
53	A Population Pharmacokinetic Analysis to Study the Effect of Extracorporeal Membrane Oxygenation on Cefepime Disposition in Children. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, 62-70	3	3

52	Progressive Diaphragm Atrophy in Pediatric Acute Respiratory Failure. <i>Pediatric Critical Care Medicine</i> , 2018 , 19, 406-411	3	35
51	Survey of Bedside Clinical Neurologic Assessments in U.S. PICUs. <i>Pediatric Critical Care Medicine</i> , 2018 , 19, 339-344	3	11
50	Pediatric In-Hospital Cardiac Arrest Secondary to Acute Pulmonary Embolism. <i>Critical Care Medicine</i> , 2018 , 46, e229-e234	1.4	9
49	Long-term decline in renal function is more significant after endovascular repair of infrarenal abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2018 , 68, 739-748	3.5	16
48	Characterization of Pediatric In-Hospital Cardiopulmonary Resuscitation Quality Metrics Across an International Resuscitation Collaborative. <i>Pediatric Critical Care Medicine</i> , 2018 , 19, 421-432	3	45
47	High sodium continuous veno-venous hemodialysis with regional citrate anticoagulation and online dialysate generation in patients with acute liver failure and cerebral edema. <i>Hemodialysis International</i> , 2018 , 22, 184-191	1.7	4
46	Derivation and Internal Validation of a Mortality Prediction Tool for Initial Survivors of Pediatric In-Hospital Cardiac Arrest. <i>Pediatric Critical Care Medicine</i> , 2018 , 19, 186-195	3	12
45	Change in Lactate Levels After Hemodialysis in Patients With End-Stage Renal Disease. <i>Annals of Emergency Medicine</i> , 2018 , 71, 737-742	2.1	4
44	Failure of Invasive Airway Placement on the First Attempt Is Associated With Progression to Cardiac Arrest in Pediatric Acute Respiratory Compromise. <i>Pediatric Critical Care Medicine</i> , 2018 , 19, 9-16 ³		13
43	Impact of Acute Kidney Injury and CKD on Adverse Outcomes in Critically Ill Septic Patients. <i>Kidney International Reports</i> , 2018 , 3, 1344-1353	4.1	13
42	Renal Replacement Therapy in Acute Kidney Injury: Controversies and Consensus. <i>Critical Care Clinics</i> , 2017 , 33, 365-378	4.5	20
41	Racial and Ethnic Variation in Pediatric Cardiac Extracorporeal Life Support Survival. <i>Critical Care Medicine</i> , 2017 , 45, 670-678	1.4	10
40	Effect of hyperchloremia on acute kidney injury in critically ill septic patients: a retrospective cohort study. <i>BMC Nephrology</i> , 2017 , 18, 346	2.7	20
39	Identifying Risk for Acute Kidney Injury in Infants and Children Following Cardiac Arrest. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, e446-e454	3	10
38	Metrics to Assess Extracorporeal Membrane Oxygenation Utilization in Pediatric Cardiac Surgery Programs. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, 779-786	3	10
37	Bone-specific alkaline phosphatase and bone turnover in African American hemodialysis patients. <i>Hemodialysis International</i> , 2017 , 21, 90-96	1.7	6
36	Has the time come to abandon chloride-rich resuscitation fluids?. <i>Annals of Translational Medicine</i> , 2017 , 5, 12	3.2	3
35	HIV infection presenting proliferation of CD8+ T lymphocyte and hemophagocytic lymphohistiocytosis. <i>International Journal of STD and AIDS</i> , 2016 , 27, 411-3	1.4	5

34	Association of Systolic Blood Pressure Variability With Mortality, Coronary Heart Disease, Stroke, and Renal Disease. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 1375-1386	15.1	157
33	The Development of Tracheal Intubation Proficiency Outside the Operating Suite During Pediatric Critical Care Medicine Fellowship Training: A Retrospective Cohort Study Using Cumulative Sum Analysis. <i>Pediatric Critical Care Medicine</i> , 2016 , 17, e309-16	3	18
32	Hemodynamic Bedside Ultrasound Image Quality and Interpretation After Implementation of a Training Curriculum for Pediatric Critical Care Medicine Providers. <i>Pediatric Critical Care Medicine</i> , 2016 , 17, 598-604	3	22
31	Blood Pressure- and Coronary Perfusion Pressure-Targeted Cardiopulmonary Resuscitation Improves 24-Hour Survival From Ventricular Fibrillation Cardiac Arrest. <i>Critical Care Medicine</i> , 2016 , 44, e1111-e1117	1.4	44
30	Removal of Self-Expanding Metallic Stents. <i>Journal of Bronchology and Interventional Pulmonology</i> , 2016 , 23, 279-282	1.8	2
29	Diagnostic value of end tidal capnography in patients with hyperglycemia in the emergency department. <i>BMC Emergency Medicine</i> , 2016 , 16, 7	2.4	5
28	Dipstick albuminuria and acute kidney injury recovery in critically ill septic patients. <i>Nephrology</i> , 2016 , 21, 512-8	2.2	13
27	Outcomes Following Single and Recurrent In-Hospital Cardiac Arrests in Children With Heart Disease: A Report From American Heart Association Get With the Guidelines Registry-Resuscitation. <i>Pediatric Critical Care Medicine</i> , 2016 , 17, 531-9	3	14
26	The authors reply. <i>Critical Care Medicine</i> , 2016 , 44, e53-4	1.4	
25	Early Electroencephalographic Background Features Predict Outcomes in Children Resuscitated From Cardiac Arrest. <i>Pediatric Critical Care Medicine</i> , 2016 , 17, 547-57	3	55
24	Treatment of Pediatric Septic Shock With the Surviving Sepsis Campaign Guidelines and PICU Patient Outcomes. <i>Pediatric Critical Care Medicine</i> , 2016 , 17, e451-e458	3	42
23	"Alert and Oriented B?" Correlates of Mini-Cog Performance in a Post/Nondelirious Intensive Care Unit Sample. <i>Psychosomatics</i> , 2016 , 57, 194-9	2.6	8
22	Continuous Renal Replacement Therapy for the Management of Acid-Base and Electrolyte Imbalances in Acute Kidney Injury. <i>Advances in Chronic Kidney Disease</i> , 2016 , 23, 203-10	4.7	25
21	Predischarge bundle for patients with acute exacerbations of COPD to reduce readmissions and ED visits: a randomized controlled trial. <i>Chest</i> , 2015 , 147, 1227-1234	5.3	65
20	Association of bleeding and thrombosis with outcome in extracorporeal life support. <i>Pediatric Critical Care Medicine</i> , 2015 , 16, 167-74	3	128
19	Implementation of a pediatric critical care focused bedside ultrasound training program in a large academic PICU. <i>Pediatric Critical Care Medicine</i> , 2015 , 16, 219-26	3	45
18	Association of left ventricular systolic function and vasopressor support with survival following pediatric out-of-hospital cardiac arrest. <i>Pediatric Critical Care Medicine</i> , 2015 , 16, 146-54	3	38
17	Association of Hyperchloremia With Hospital Mortality in Critically Ill Septic Patients. <i>Critical Care Medicine</i> , 2015 , 43, 1938-44	1.4	133

16	Online Hemoglobin and Oxygen Saturation Sensing During Continuous Renal Replacement Therapy with Regional Citrate Anticoagulation. <i>ASAIO Journal</i> , 2015 , 61, 489-95	3.6	4
15	Treatment of Severe Metabolic Alkalosis with Continuous Renal Replacement Therapy: Bicarbonate Kinetic Equations of Clinical Value. <i>ASAIO Journal</i> , 2015 , 61, e20-5	3.6	4
14	Detection of electrographic seizures by critical care providers using color density spectral array after cardiac arrest is feasible. <i>Pediatric Critical Care Medicine</i> , 2015 , 16, 461-7	3	33
13	Early Head CT Findings Are Associated With Outcomes After Pediatric Out-of-Hospital Cardiac Arrest. <i>Pediatric Critical Care Medicine</i> , 2015 , 16, 542-8	3	32
12	Iron repletion is associated with reduction in platelet counts in non-dialysis chronic kidney disease patients independent of erythropoiesis-stimulating agent use: a retrospective cohort study. <i>BMC Nephrology</i> , 2014 , 15, 119	2.7	7
11	Treatment of severe hyponatremia in patients with kidney failure: role of continuous venovenous hemofiltration with low-sodium replacement fluid. <i>American Journal of Kidney Diseases</i> , 2014 , 64, 305-10	7.4	37
10	Early postresuscitation hypotension is associated with increased mortality following pediatric cardiac arrest. <i>Critical Care Medicine</i> , 2014 , 42, 1518-23	1.4	83
9	A randomized, controlled trial of in situ pediatric advanced life support recertification ("pediatric advanced life support reconstructed") compared with standard pediatric advanced life support recertification for ICU frontline providers*. <i>Critical Care Medicine</i> , 2014 , 42, 610-8	1.4	60
8	Failure of Recombinant Activated Factor VII in Treatment of Diffuse Alveolar Hemorrhage due to Cryoglobulinemic Vasculitis. <i>Case Reports in Hematology</i> , 2014 , 2014, 283086	0.7	1
7	Interdisciplinary ICU cardiac arrest debriefing improves survival outcomes*. <i>Critical Care Medicine</i> , 2014 , 42, 1688-95	1.4	189
6	Use of therapeutic hypothermia after in-hospital cardiac arrest. <i>Critical Care Medicine</i> , 2013 , 41, 1385-95	1.4	55
5	An under-recognized benefit of cardiopulmonary resuscitation: organ transplantation. <i>Critical Care Medicine</i> , 2013 , 41, 2794-9	1.4	43
4	Hemodynamic directed cardiopulmonary resuscitation improves short-term survival from ventricular fibrillation cardiac arrest. <i>Critical Care Medicine</i> , 2013 , 41, 2698-704	1.4	68
3	Nonconvulsive electrographic seizures are common in children with abusive head trauma*. <i>Pediatric Critical Care Medicine</i> , 2013 , 14, 709-15	3	42
2	Intravenous iron dextran as a component of anemia management in chronic kidney disease: a report of safety and efficacy. <i>International Journal of Nephrology</i> , 2013 , 2013, 703038	1.7	7
1	Electrographic status epilepticus is associated with mortality and worse short-term outcome in critically ill children. <i>Critical Care Medicine</i> , 2013 , 41, 215-23	1.4	128