

# Steven L Shein

## List of Publications by Year in descending order

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Version: 2024-02-01

109  
papers

1,533  
citations

394390

19  
h-index

361001

35  
g-index

110  
all docs

110  
docs citations

110  
times ranked

1707  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurologic Involvement in Children and Adolescents Hospitalized in the United States for COVID-19 or Multisystem Inflammatory Syndrome. <i>JAMA Neurology</i> , 2021, 78, 536.	9.0	276
2	Paediatric acute respiratory distress syndrome incidence and epidemiology (PARDIE): an international, observational study. <i>Lancet Respiratory Medicine</i> , 2019, 7, 115-128.	10.7	267
3	Pediatric Critical Care and COVID-19. <i>Pediatrics</i> , 2020, 146, .	2.1	67
4	Outcomes of Children With Bronchiolitis Treated With High-Flow Nasal Cannula or Noninvasive Positive Pressure Ventilation*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 128-135.	0.5	56
5	The effects of wearing facemasks on oxygenation and ventilation at rest and during physical activity. <i>PLoS ONE</i> , 2021, 16, e0247414.	2.5	55
6	Nutrition and High-Flow Nasal Cannula Respiratory Support in Children With Bronchiolitis. <i>Hospital Pediatrics</i> , 2017, 7, 256-262.	1.3	46
7	Hemorrhagic Shock Shifts the Serum Cytokine Profile from Pro- to Anti-Inflammatory after Experimental Traumatic Brain Injury in Mice. <i>Journal of Neurotrauma</i> , 2014, 31, 1386-1395.	3.4	43
8	Changes in Pediatric ICU Utilization and Clinical Trends During the Coronavirus Pandemic. <i>Chest</i> , 2021, 160, 529-537.	0.8	42
9	The use of high-flow nasal cannula in the pediatric emergency department. <i>Jornal De Pediatria</i> , 2017, 93, 36-45.	2.0	38
10	Vancomycin Monotherapy May Be Insufficient to Treat Methicillin-resistant <i>Staphylococcus aureus</i> Coinfection in Children With Influenza-related Critical Illness. <i>Clinical Infectious Diseases</i> , 2019, 68, 365-372.	5.8	38
11	Cross-reactive immunity against the SARS-CoV-2 Omicron variant is low in pediatric patients with prior COVID-19 or MIS-C. <i>Nature Communications</i> , 2022, 13, .	12.8	36
12	Polynitroxylated-Pegylated Hemoglobin Attenuates Fluid Requirements and Brain Edema in Combined Traumatic Brain Injury Plus Hemorrhagic Shock in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1457-1464.	4.3	34
13	Predicting Mortality in Children With Pediatric Acute Respiratory Distress Syndrome: A Pediatric Acute Respiratory Distress Syndrome Incidence and Epidemiology Study. <i>Critical Care Medicine</i> , 2020, 48, e514-e522.	0.9	33
14	Early Use of Adjunctive Therapies for Pediatric Acute Respiratory Distress Syndrome: A PARDIE Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1389-1397.	5.6	31
15	Neurologic and Functional Morbidity in Critically Ill Children With Bronchiolitis*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 1106-1113.	0.5	27
16	Therapeutic Hypothermia for Refractory Status Epilepticus in a Child with Malignant Migrating Partial Seizures of Infancy and <i>SCN1A</i> Mutation: A Case Report. <i>Therapeutic Hypothermia and Temperature Management</i> , 2012, 2, 144-149.	0.9	25
17	Vaccine Effectiveness Against Life-Threatening Influenza Illness in US Children. <i>Clinical Infectious Diseases</i> , 2022, 75, 230-238.	5.8	25
18	Adherence to Lung-Protective Ventilation Principles in Pediatric Acute Respiratory Distress Syndrome: A Pediatric Acute Respiratory Distress Syndrome Incidence and Epidemiology Study*. <i>Critical Care Medicine</i> , 2021, 49, 1779-1789.	0.9	24

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19	Outcomes of Children With Critical Bronchiolitis Living in Poor Communities. <i>Clinical Pediatrics</i> , 2018, 57, 1027-1032.	0.8	23
20	Identification of a "VTE-rich" population in pediatrics " Critically ill children with central venous catheters. <i>Thrombosis Research</i> , 2018, 161, 73-77.	1.7	20
21	Severe Acute Respiratory Syndrome"Associated Coronavirus 2 Infection and Organ Dysfunction in the ICU: Opportunities for Translational Research. , 2021, 3, e0374.		20
22	Antibiotic Prescription in Young Children With Respiratory Syncytial Virus"Associated Respiratory Failure and Associated Outcomes. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 101-109.	0.5	19
23	Prophylactic Use of Nebulized Hypertonic Saline in Mechanically Ventilated Children: A Randomized Blinded Pilot Study. <i>Respiratory Care</i> , 2016, 61, 586-592.	1.6	14
24	Hyponatremia and Hypotonic Intravenous Fluids Are Associated With Unfavorable Outcomes of Bronchiolitis Admissions. <i>Hospital Pediatrics</i> , 2017, 7, 263-270.	1.3	14
25	Temporal Changes in Prescription of Neuropharmacologic Drugs and Utilization of Resources Related to Neurologic Morbidity in Mechanically Ventilated Children With Bronchiolitis*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, e606-e614.	0.5	14
26	Outcomes of Children With Critical Bronchiolitis Meeting at Risk for Pediatric Acute Respiratory Distress Syndrome Criteria*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, e70-e76.	0.5	14
27	Mechanical power in pediatric acute respiratory distress syndrome: a PARDIE study. <i>Critical Care</i> , 2022, 26, 2.	5.8	13
28	Epidemiology and Outcomes of Critically Ill Children at Risk for Pediatric Acute Respiratory Distress Syndrome: A Pediatric Acute Respiratory Distress Syndrome Incidence and Epidemiology Study*. <i>Critical Care Medicine</i> , 2022, 50, 363-374.	0.9	12
29	Long-Term Neurodevelopmental and Functional Outcomes of Normally Developing Children Requiring PICU Care for Bronchiolitis. <i>Journal of Pediatric Intensive Care</i> , 2021, 10, 282-288.	0.8	11
30	Tratamento atual de crianças com asma crônica e quase fatal. <i>Revista Brasileira De Terapia Intensiva</i> , 2016, 28, 167-78.	0.3	10
31	Blood eosinophilia is associated with unfavorable hospitalization outcomes in children with bronchiolitis. <i>Pediatric Pulmonology</i> , 2016, 51, 77-83.	2.0	9
32	Corticosteroid Therapy During Acute Bronchiolitis in Patients Who Later Develop Asthma. <i>Hospital Pediatrics</i> , 2017, 7, 403-409.	1.3	9
33	Adjunctive Pharmacotherapies in Children With Asthma Exacerbations Requiring Continuous Albuterol Therapy: Findings From The Ohio Pediatric Asthma Repository. <i>Hospital Pediatrics</i> , 2018, 8, 89-95.	1.3	9
34	Prevalence of Reintubation Within 24 Hours of Extubation in Bronchiolitis: Retrospective Cohort Study Using the Virtual Pediatric Systems Database*. <i>Pediatric Critical Care Medicine</i> , 2021, 22, 474-482.	0.5	9
35	High Flow Nasal Cannula Flow Rates: New Data Worth the Weight. <i>Journal of Pediatrics</i> , 2017, 189, 9-10.	1.8	8
36	Development of an Antibiotic Guideline for Children With Suspected Ventilator-Associated Infections*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 697-706.	0.5	8

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37	Characterization of In-Flight Medical Events Involving Children on Commercial Airline Flights. <i>Annals of Emergency Medicine</i> , 2020, 75, 66-74.	0.6	8
38	Validation of a pediatric bedside tool to predict time to death after withdrawal of life support. <i>World Journal of Clinical Pediatrics</i> , 2016, 5, 89.	2.1	8
39	Trends in Head Computed Tomography Utilization in Children Presenting to Emergency Departments After Traumatic Head Injury. <i>Pediatric Emergency Care</i> , 2021, 37, e384-e390.	0.9	7
40	Derivation and Validation of an Objective Effort of Breathing Score in Critically Ill Children. <i>Pediatric Critical Care Medicine</i> , 2019, 20, e15-e22.	0.5	7
41	Incorporating Real-time Influenza Detection Into the Test-negative Design for Estimating Influenza Vaccine Effectiveness: The Real-time Test-negative Design (rtTND). <i>Clinical Infectious Diseases</i> , 2021, 72, 1669-1675.	5.8	7
42	Compliance With an Antibiotic Guideline for Suspected Ventilator-Associated Infection. <i>Pediatric Critical Care Medicine</i> , 2021, Publish Ahead of Print, 859-869.	0.5	7
43	Epidemiology and Outcomes of SARS-CoV-2 Infection or Multisystem Inflammatory Syndrome in Children vs Influenza Among Critically Ill Children. <i>JAMA Network Open</i> , 2022, 5, e2217217.	5.9	6
44	High-flow nasal cannula flow rate in young infants with severe viral bronchiolitis: the question is still open. <i>Intensive Care Medicine</i> , 2019, 45, 134-135.	8.2	5
45	Trends in Time to Extubation for Pediatric Postoperative Cardiac Patients and Its Correlation With Changes in Clinical Outcomes: A Virtual PICU Database Study*. <i>Pediatric Critical Care Medicine</i> , 2022, 23, 544-554.	0.5	5
46	School Closures in the United States and Severe Respiratory Illnesses in Children: A Normalized Nationwide Sample. <i>Pediatric Critical Care Medicine</i> , 2022, 23, 535-543.	0.5	5
47	Surfactant Administration During Pediatric Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2015, 61, 682-687.	1.6	4
48	713. <i>Critical Care Medicine</i> , 2015, 43, 179-180.	0.9	4
49	Periostin levels in children without respiratory disease. <i>Pediatric Pulmonology</i> , 2018, 54, 200-204.	2.0	4
50	Readmissions to the ICU Among Children With Tracheostomies Placed After Cardiac Arrest. <i>Hospital Pediatrics</i> , 2019, 9, 256-264.	1.3	4
51	The Temporal Relationship Between Local School Closure and Increased Incidence of Pediatric Diabetic Ketoacidosis. <i>Frontiers in Pediatrics</i> , 2022, 10, 812265.	1.9	4
52	Randomized pilot trial of ipratropium versus placebo in children with critical asthma. <i>Pediatric Pulmonology</i> , 2020, 55, 3287-3292.	2.0	3
53	Better Transplant Outcomes with Umbilical Cord Stem Cells in Patients with Dyskeratosis Congenita. <i>Blood</i> , 2016, 128, 3592-3592.	1.4	3
54	Trials and Tribulations in Bronchiolitis. <i>Journal of Pediatrics</i> , 2022, 244, 8-10.	1.8	3

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55	High flow nasal cannula in the pediatric intensive care unit. Expert Review of Respiratory Medicine, 2022, , 1-9.	2.5	3
56	Airway microbiome dynamics and relationship to ventilator-associated infection in intubated pediatric patients. Pediatric Pulmonology, 2022, 57, 508-518.	2.0	3
57	1062: DEXMEDETOMIDINE IS ASSOCIATED WITH UNFAVORABLE OUTCOMES IN VENTILATED CHILDREN WITH BRONCHIOLITIS. Critical Care Medicine, 2016, 44, 341-341.	0.9	2
58	The Effects of Furosemide on Oxygenation in Mechanically Ventilated Children with Bronchiolitis. Journal of Pediatric Intensive Care, 2020, 09, 087-091.	0.8	2
59	A Novel Maneuver to Treat Refractory Atelectasis in Mechanically Ventilated Children. Journal of Pediatric Intensive Care, 2022, 11, 159-167.	0.8	2
60	Reply to: Contemporary treatment of children with critical and near-fatal asthma. Revista Brasileira De Terapia Intensiva, 2016, 28, 358-359.	0.3	2
61	Hematopoietic Stem Cell Transplant in Aplastic Anemia: Is It Time to Revise the Treatment Algorithm. Blood, 2016, 128, 2395-2395.	1.4	2
62	1803: THE HIGH COSTS OF POVERTY: ASSOCIATIONS BETWEEN TRAUMATIC BRAIN INJURIES AND INCOME IN THE PICU. Critical Care Medicine, 2020, 48, 876-876.	0.9	2
63	1247: Low Serum Alkaline Phosphatase Level and Acute Kidney Injury in Children With Severe Sepsis. Critical Care Medicine, 2021, 49, 628-628.	0.9	2
64	1186: ASSESSMENT OF THE DEGREE OF ATELECTASIS IN INTUBATED CHILDREN AFTER THE RAINBOW-DRISCOLL MANEUVER. Critical Care Medicine, 2020, 48, 571-571.	0.9	2
65	Hyperosmolar therapies for severe brain injuries in children. Critical Care Medicine, 2012, 40, 336-337.	0.9	1
66	423. Critical Care Medicine, 2013, 41, A102.	0.9	1
67	1049: OUTCOMES ASSOCIATED WITH IPRATROPIUM AND MAGNESIUM IN CHILDREN HOSPITALIZED WITH STATUS ASTHMATICUS. Critical Care Medicine, 2016, 44, 338-338.	0.9	1
68	Dexmedetomidine During Noninvasive Ventilation: Different Acuity, Different Risks?*. Pediatric Critical Care Medicine, 2018, 19, 373-375.	0.5	1
69	979. Critical Care Medicine, 2019, 47, 468.	0.9	1
70	What Is Weighing Us Down From Elucidating Ideal Ventilation Strategies in Pediatric Acute Respiratory Distress Syndrome?*. Pediatric Critical Care Medicine, 2019, 20, 303-305.	0.5	1
71	Acute Neuro-Functional Morbidity Upon Discharge From the Pediatric Intensive Care Unit After Critical Bronchiolitis. Hospital Pediatrics, 2022, 12, 353-358.	1.3	1
72	Long-term Neurocognitive Morbidity After a Single Episode of Respiratory Failure in Children. JAMA - Journal of the American Medical Association, 2022, 327, 823.	7.4	1

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73	448. Critical Care Medicine, 2013, 41, A108-A109.	0.9	0
74	400. Critical Care Medicine, 2014, 42, A1456.	0.9	0
75	757. Critical Care Medicine, 2014, 42, A1542.	0.9	0
76	386. Critical Care Medicine, 2015, 43, 98.	0.9	0
77	468: THE EFFECT OF POVERTY ON CHILDREN PRESENTING WITH DIABETIC KETOACIDOSIS. Critical Care Medicine, 2016, 44, 193-193.	0.9	0
78	938: A PHYSIOLOGIC STUDY OF HELIUM-OXYGEN GAS DELIVERY VIA HIGH-FLOW NASAL CANNULA IN AIRWAY OBSTRUCTION. Critical Care Medicine, 2016, 44, 310-310.	0.9	0
79	986: EFFECTS OF INTRAPULMONARY PERCUSSIVE VENTILATION IN MECHANICALLY VENTILATED CHILDREN. Critical Care Medicine, 2016, 44, 322-322.	0.9	0
80	1026: OUTCOMES OF HIGH-FLOW NASAL CANNULA AND NONINVASIVE POSITIVE PRESSURE VENTILATION IN BRONCHIOLITIS. Critical Care Medicine, 2016, 44, 332-332.	0.9	0
81	The authors reply. Pediatric Critical Care Medicine, 2016, 17, 707-708.	0.5	0
82	Sedation and subglottic stenosis in critically ill children. Jornal De Pediatria, 2017, 93, 317-319.	2.0	0
83	Respiratory Viral Coinfections in the PICU. Pediatric Critical Care Medicine, 2017, 18, 816-817.	0.5	0
84	Outcomes and healthcare utilization in children and young adults with aplastic anemia: A multiinstitutional analysis. Pediatric Blood and Cancer, 2017, 64, e26704.	1.5	0
85	712: RECENT TRENDS IN THE EPIDEMIOLOGY, TREATMENT, AND OUTCOMES OF PICU BRONCHIOLITIS. Critical Care Medicine, 2018, 46, 342-342.	0.9	0
86	1028: HEATED HUMIDIFIED HIGH-FLOW NASAL CANNULA GAS MIXTURES IN A HUMAN MODEL OF AIRWAY OBSTRUCTION. Critical Care Medicine, 2018, 46, 498-498.	0.9	0
87	Identifying Factors Associated With Critical Asthma. Pediatric Critical Care Medicine, 2018, 19, 1093-1094.	0.5	0
88	1166: LOCATION OF PRE-ADMISSION ENDOTRACHEAL INTUBATION AND CLINICAL OUTCOMES IN BRONCHIOLITIS. Critical Care Medicine, 2018, 46, 567-567.	0.9	0
89	783. Critical Care Medicine, 2019, 47, 370.	0.9	0
90	The authors reply. Pediatric Critical Care Medicine, 2019, 20, 1211-1212.	0.5	0

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91	High Flow, High Flow. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 292-293.	0.5	0
92	1226. <i>Critical Care Medicine</i> , 2019, 47, 589.	0.9	0
93	1227. <i>Critical Care Medicine</i> , 2019, 47, 590.	0.9	0
94	The authors reply. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 795-796.	0.5	0
95	Emergency room endotracheal intubation in children with bronchiolitis : A cohort study using a multicenter database. <i>Health Science Reports</i> , 2020, 3, e169.	1.5	0
96	Refractory Atelectasis and Response to Chest Physiotherapy. <i>Journal of Pediatric Intensive Care</i> , 0, , .	0.8	0
97	Risk Factors Associated with Hospital-Acquired Venous Thromboembolism in the Pediatric Intensive Care Unit. <i>Blood</i> , 2015, 126, 2313-2313.	1.4	0
98	Effect of Red Blood Cell Transfusions on Clinical Outcomes in Critically Ill Children. <i>Blood</i> , 2016, 128, 3851-3851.	1.4	0
99	Creation of a Venous Thromboembolism Risk Prediction Tool for Critically Ill Children - the Cleveland Score. <i>Blood</i> , 2016, 128, 3803-3803.	1.4	0
100	Outcomes and Healthcare Utilization of Children with Mucopolysaccharidosis with and without Hematopoietic Stem Cell Transplantation. <i>Blood</i> , 2018, 132, 157-157.	1.4	0
101	333: TRENDS IN EPIDEMIOLOGY OF CRITICALLY ILL CHILDREN IN A LARGE NATIONAL DATABASE IN THE UNITED STATES. <i>Critical Care Medicine</i> , 2020, 48, 149-149.	0.9	0
102	365: POST-PICU ACUTE NEUROFUNCTIONAL MORBIDITY IN CHILDREN WITH CRITICAL BRONCHIOLITIS. <i>Critical Care Medicine</i> , 2020, 48, 164-164.	0.9	0
103	356: NEUROFUNCTIONAL MORBIDITY IN PEDIATRIC PATIENTS ADMITTED FOR BRONCHIOLITIS. <i>Critical Care Medicine</i> , 2020, 48, 160-160.	0.9	0
104	1253: Severe Hypoalbuminemia and Multiple Organ Dysfunction Syndrome in Children With Severe Sepsis. <i>Critical Care Medicine</i> , 2021, 49, 631-631.	0.9	0
105	996: Fluid Overload in Children Meeting the at-Risk-for-PARDS Criteria. <i>Critical Care Medicine</i> , 2021, 49, 496-496.	0.9	0
106	1251: Hypophosphatemia and Organ Dysfunction in Children With Severe Sepsis in the PICU. <i>Critical Care Medicine</i> , 2021, 49, 630-630.	0.9	0
107	1177: EPIDEMIOLOGY AND OUTCOMES OF NEGATIVE-PRESSURE VENTILATION USE IN A MULTICENTER PICU DATASET. <i>Critical Care Medicine</i> , 2020, 48, 566-566.	0.9	0
108	1156: INTENSIVISTS AGREE: ADDITIONAL GUIDELINES NEEDED FOR CRITICAL BRONCHIOLITIS. <i>Critical Care Medicine</i> , 2022, 50, 576-576.	0.9	0

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109	615: VARIATION IN FLUID MANAGEMENT AND ENTERAL FEEDING FOR INFANTS WITH CRITICAL BRONCHIOLITIS. Critical Care Medicine, 2022, 50, 300-300.	0.9	0