

Neal J Thomas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6219828/publications.pdf>

Version: 2024-02-01

222
papers

11,260
citations

41627

51
h-index

39744

98
g-index

225
all docs

225
docs citations

225
times ranked

9643
citing authors

#	ARTICLE	IF	CITATIONS
1	Life-Threatening Complications of Influenza vs Coronavirus Disease 2019 (COVID-19) in US Children. <i>Clinical Infectious Diseases</i> , 2023, 76, e280-e290.	2.9	9
2	Practice Patterns of Central Venous Catheter Placement and Confirmation in Pediatric Critical Care. <i>Journal of Pediatric Intensive Care</i> , 2022, 11, 254-258.	0.4	2
3	Factors Influencing Pregnancy Screening in the Pediatric Intensive Care Unit. <i>Journal of Pediatric and Adolescent Gynecology</i> , 2022, 35, 59-64.	0.3	0
4	A Description of COVID-19-Directed Therapy in Children Admitted to US Intensive Care Units 2020. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2022, 11, 191-198.	0.6	5
5	Respiratory Dysfunction Criteria in Critically Ill Children: The PODIUM Consensus Conference. <i>Pediatrics</i> , 2022, 149, S48-S52.	1.0	3
6	Vaccine Effectiveness Against Life-Threatening Influenza Illness in US Children. <i>Clinical Infectious Diseases</i> , 2022, 75, 230-238.	2.9	25
7	Mechanical power in pediatric acute respiratory distress syndrome: a PARDIE study. <i>Critical Care</i> , 2022, 26, 2.	2.5	13
8	SNP-SNP Interactions of Surfactant Protein Genes in Persistent Respiratory Morbidity Susceptibility in Previously Healthy Children. <i>Frontiers in Genetics</i> , 2022, 13, 815727.	1.1	5
9	A Randomized Clinical Trial of Perfusion Modalities in Pediatric Congenital Heart Surgery Patients. <i>Annals of Thoracic Surgery</i> , 2022, 114, 1404-1411.	0.7	3
10	Evaluation of reported medical services provided to pediatric viral bronchiolitis diagnoses during the COVID-19 pandemic. <i>Respiratory Medicine and Research</i> , 2022, 81, 100909.	0.4	0
11	Impact of the Updated Guideline for Pediatric Brain Death Determination on Current Practice. <i>Journal of Child Neurology</i> , 2022, 37, 553-561.	0.7	1
12	Frequency and Results of Pregnancy Screening in Critically Ill Adolescents in Multiple Health Care Organizations. <i>Journal of Adolescent Health</i> , 2022, , .	1.2	0
13	Integrated PERSEVERE and endothelial biomarker risk model predicts death and persistent MODS in pediatric septic shock: a secondary analysis of a prospective observational study. <i>Critical Care</i> , 2022, 26, .	2.5	21
14	Comparative Effectiveness of Diversion of Cerebrospinal Fluid for Children With Severe Traumatic Brain Injury. <i>JAMA Network Open</i> , 2022, 5, e2220969.	2.8	12
15	Association of early hypotension in pediatric sepsis with development of new or persistent acute kidney injury. <i>Pediatric Nephrology</i> , 2021, 36, 451-461.	0.9	5
16	Tracheal aspirate transcriptomic and miRNA signatures of extreme premature birth with bronchopulmonary dysplasia. <i>Journal of Perinatology</i> , 2021, 41, 551-561.	0.9	11
17	COVID-19-Associated Pulmonary Embolism in Pediatric Patients. <i>Hospital Pediatrics</i> , 2021, 11, e90-e94.	0.6	17
18	Impact of Body Mass Index and Initial Respiratory Support on Pediatric Subjects in Acute Respiratory Failure. <i>Respiratory Care</i> , 2021, 66, 1425-1432.	0.8	0

#	ARTICLE	IF	CITATIONS
19	Timing and Clinical Significance of Fluid Overload in Pediatric Acute Respiratory Distress Syndrome*. <i>Pediatric Critical Care Medicine</i> , 2021, 22, 795-805.	0.2	22
20	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.	4.5	276
21	Incidence of Multisystem Inflammatory Syndrome in Children Among US Persons Infected With SARS-CoV-2. <i>JAMA Network Open</i> , 2021, 4, e2116420.	2.8	278
22	Recalibration of the Renal Angina Index for Pediatric Septic Shock. <i>Kidney International Reports</i> , 2021, 6, 1858-1867.	0.4	15
23	Impact of a Severe Rocky Mountain Spotted Fever Case on Treatment Practices at an Academic Institution Within a Nonendemic Area. <i>Wilderness and Environmental Medicine</i> , 2021, 32, 427-432.	0.4	1
24	Frequency of persistent obesity 5 years after first time diagnosis of status asthmaticus. <i>Clinical Respiratory Journal</i> , 2021, 15, 1368-1374.	0.6	1
25	PERSEVERE Biomarkers Predict Severe Acute Kidney Injury and Renal Recovery in Pediatric Septic Shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 848-855.	2.5	45
26	Proprotein Convertase Subtilisin/Kexin Type 9 Loss-of-Function Is Detrimental to the Juvenile Host With Septic Shock*. <i>Critical Care Medicine</i> , 2020, 48, 1513-1520.	0.4	18
27	Cytokine Panels and Pediatric Acute Respiratory Distress Syndrome: A Translational Investigation*. <i>Pediatric Critical Care Medicine</i> , 2020, 21, e1084-e1093.	0.2	4
28	Development of Persistent Respiratory Morbidity in Previously Healthy Children After Acute Respiratory Failure*. <i>Critical Care Medicine</i> , 2020, 48, 1120-1128.	0.4	14
29	Peripheral blood transcriptomic sub-phenotypes of pediatric acute respiratory distress syndrome. <i>Critical Care</i> , 2020, 24, 681.	2.5	18
30	Design and Rationale for Common Data Elements for Clinical Research in Pediatric Critical Care Medicine. <i>Pediatric Critical Care Medicine</i> , 2020, 21, e1038-e1041.	0.2	9
31	Evaluating the Utility of Toxicologic Analysis in Pediatric Out-of-Hospital Cardiac Arrest. <i>Journal of Emergency Medicine</i> , 2020, 59, e167-e174.	0.3	0
32	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.	0.4	33
33	Variation in Practice Related to the Use of High Flow Nasal Cannula in Critically Ill Children. <i>Pediatric Critical Care Medicine</i> , 2020, 21, e228-e235.	0.2	29
34	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.	2.5	31
35	Association of SNP-SNP Interactions of Surfactant Protein Genes with Pediatric Acute Respiratory Failure. <i>Journal of Clinical Medicine</i> , 2020, 9, 1183.	1.0	13
36	The authors reply:. <i>Critical Care Medicine</i> , 2020, 48, e1369-e1370.	0.4	0

#	ARTICLE	IF	CITATIONS
37	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.	2.9	38
38	Structural and Functional Determinants of Rodent and Human Surfactant Protein A: A Synthesis of Binding and Computational Data. <i>Frontiers in Immunology</i> , 2019, 10, 2613.	2.2	13
39	Prospective clinical testing and experimental validation of the Pediatric Sepsis Biomarker Risk Model. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	50
40	Rapid Single-Cell Microbiological Analysis: Toward Precision Management of Infections and Dysbiosis. <i>SLAS Technology</i> , 2019, 24, 603-605.	1.0	4
41	Assessing and Improving Documentation of Pediatric Brain Death Determination within an Electronic Health Record. <i>Neuropediatrics</i> , 2019, 50, 080-088.	0.3	5
42	Sepsis and Pediatric Acute Respiratory Distress Syndrome. <i>Journal of Pediatric Intensive Care</i> , 2019, 08, 032-041.	0.4	4
43	The association of early post-resuscitation hypotension with discharge survival following targeted temperature management for pediatric in-hospital cardiac arrest. <i>Resuscitation</i> , 2019, 141, 24-34.	1.3	17
44	Adaptable microfluidic system for single-cell pathogen classification and antimicrobial susceptibility testing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10270-10279.	3.3	101
45	Risk Factors for Mortality in Pediatric Postsurgical versus Medical Severe Sepsis. <i>Journal of Surgical Research</i> , 2019, 242, 100-110.	0.8	5
46	Tracking resident pre-rounding electronic health record usage. <i>International Journal of Health Care Quality Assurance</i> , 2019, 32, 611-620.	0.2	4
47	Vancomycin Prescribing and Therapeutic Drug Monitoring in Children With and Without Acute Kidney Injury After Cardiac Arrest. <i>Paediatric Drugs</i> , 2019, 21, 107-112.	1.3	8
48	Nanotube assisted microwave electroporation for single cell pathogen identification and antimicrobial susceptibility testing. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 17, 246-253.	1.7	21
49	Can We Prevent the Progression to Pediatric Acute Respiratory Distress Syndrome? Let's Start With Identifying Those "At Risk". <i>Pediatric Critical Care Medicine</i> , 2019, 20, 204-205.	0.2	1
50	Evidence of Endotypes in Pediatric Acute Hypoxemic Respiratory Failure Caused by Sepsis*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 110-112.	0.2	16
51	The authors reply. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 693-694.	0.2	0
52	Specific Viral Etiologies Are Associated With Outcomes in Pediatric Acute Respiratory Distress Syndrome*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, e441-e446.	0.2	13
53	Association Between Tidal Volumes Adjusted for Ideal Body Weight and Outcomes in Pediatric Acute Respiratory Distress Syndrome*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, e145-e153.	0.2	27
54	Physician, Heal Thyself. <i>Annals of Internal Medicine</i> , 2019, 170, 135.	2.0	0

#	ARTICLE	IF	CITATIONS
55	Paediatric acute respiratory distress syndrome incidence and epidemiology (PARDIE): an international, observational study. <i>Lancet Respiratory Medicine</i> , 2019, 7, 115-128.	5.2	267
56	Site Variability in Regulatory Oversight for an International Study of Pediatric Sepsis. <i>Pediatric Critical Care Medicine</i> , 2018, 19, e180-e188.	0.2	3
57	Hyperchloremia Is Associated With Complicated Course and Mortality in Pediatric Patients With Septic Shock*. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 155-160.	0.2	60
58	Positive End-Expiratory Pressure Lower Than the ARDS Network Protocol Is Associated with Higher Pediatric Acute Respiratory Distress Syndrome Mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 77-89.	2.5	94
59	Multicohort Analysis of Whole-Blood Gene Expression Data Does Not Form a Robust Diagnostic for Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2018, 46, 244-251.	0.4	26
60	Endotype Transitions During the Acute Phase of Pediatric Septic Shock Reflect Changing Risk and Treatment Response. <i>Critical Care Medicine</i> , 2018, 46, e242-e249.	0.4	45
61	Risk Stratification Using Oxygenation in the First 24 Hours of Pediatric Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2018, 46, 619-624.	0.4	23
62	Hospital Variation in Intensive Care Resource Utilization and Mortality in Newly Diagnosed Pediatric Leukemia*. <i>Pediatric Critical Care Medicine</i> , 2018, 19, e312-e320.	0.2	10
63	RBC Transfusions Are Associated With Prolonged Mechanical Ventilation in Pediatric Acute Respiratory Distress Syndrome*. <i>Pediatric Critical Care Medicine</i> , 2018, 19, e88-e96.	0.2	14
64	Overlapping MicroRNA Expression in Saliva and Cerebrospinal Fluid Accurately Identifies Pediatric Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 64-72.	1.7	87
65	Hyperchloremia is associated with acute kidney injury in pediatric patients with septic shock. <i>Intensive Care Medicine</i> , 2018, 44, 2004-2005.	3.9	14
66	Epidemiology of Cause of Death in Pediatric Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2018, 46, 1811-1819.	0.4	43
67	Genetic Association of Pulmonary Surfactant Protein Genes, SFTPA1, SFTPA2, SFTPB, SFTPC, and SFTPD With Cystic Fibrosis. <i>Frontiers in Immunology</i> , 2018, 9, 2256.	2.2	38
68	New Morbidity and Discharge Disposition of Pediatric Acute Respiratory Distress Syndrome Survivors*. <i>Critical Care Medicine</i> , 2018, 46, 1731-1738.	0.4	36
69	The Association of Nutrition Status Expressed as Body Mass Index z Score With Outcomes in Children With Severe Sepsis: A Secondary Analysis From the Sepsis Prevalence, Outcomes, and Therapies (SPROUT) Study*. <i>Critical Care Medicine</i> , 2018, 46, e1029-e1039.	0.4	27
70	Reply to Tremlett and Kanthimathinathan and to Koopman and Kneyber. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 823-824.	2.5	0
71	Subtypes of pediatric acute respiratory distress syndrome have different predictors of mortality. <i>Intensive Care Medicine</i> , 2018, 44, 1230-1239.	3.9	52
72	CALIPSO: A Randomized Controlled Trial of Calfactant for Acute Lung Injury in Pediatric Stem Cell and Oncology Patients. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, 2479-2486.	2.0	17

#	ARTICLE	IF	CITATIONS
73	Use of time-varying coefficients in a Cox regression model when the proportional hazard assumption is violated. <i>Intensive Care Medicine</i> , 2018, 44, 2017-2019.	3.9	4
74	Risk factors and inpatient outcomes associated with acute kidney injury at pediatric severe sepsis presentation. <i>Pediatric Nephrology</i> , 2018, 33, 1781-1790.	0.9	23
75	A Multiplex Electrochemical Biosensor for Bloodstream Infection Diagnosis. <i>SLAS Technology</i> , 2017, 22, 466-474.	1.0	34
76	Therapeutic Hypothermia after In-Hospital Cardiac Arrest in Children. <i>New England Journal of Medicine</i> , 2017, 376, 318-329.	13.9	230
77	Tripartite Stratification of the Glasgow Coma Scale in Children with Severe Traumatic Brain Injury and Mortality: An Analysis from a Multi-Center Comparative Effectiveness Study. <i>Journal of Neurotrauma</i> , 2017, 34, 2220-2229.	1.7	29
78	Glucocorticoid Receptor Polymorphisms and Outcomes in Pediatric Septic Shock*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 299-303.	0.2	14
79	The authors reply. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 501-502.	0.2	0
80	Association of Delayed Antimicrobial Therapy with One-Year Mortality in Pediatric Sepsis. <i>Shock</i> , 2017, 48, 29-35.	1.0	29
81	New or Progressive Multiple Organ Dysfunction Syndrome in Pediatric Severe Sepsis: A Sepsis Phenotype With Higher Morbidity and Mortality*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 8-16.	0.2	87
82	The Epidemiology of Hospital Death Following Pediatric Severe Sepsis: When, Why, and How Children With Sepsis Die*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 823-830.	0.2	124
83	Disassociating Lung Mechanics and Oxygenation in Pediatric Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2017, 45, 1232-1239.	0.4	40
84	Improved Risk Stratification in Pediatric Septic Shock Using Both Protein and mRNA Biomarkers. PERSEVERE-XP. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 494-501.	2.5	65
85	An Electrochemical Biosensor for Rapid Detection of Pediatric Bloodstream Infections. <i>SLAS Technology</i> , 2017, 22, 616-625.	1.0	10
86	High Levels of Morbidity and Mortality Among Pediatric Hematopoietic Cell Transplant Recipients With Severe Sepsis: Insights From the Sepsis PRevalence, OUtcomes, and Therapies International Point Prevalence Study*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 1114-1125.	0.2	34
87	The authors reply. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 204-205.	0.2	0
88	Challenges With Implementation of a Respiratory Therapist-Driven Protocol of Spontaneous Breathing Trials in the Pediatric ICU. <i>Respiratory Care</i> , 2017, 62, 1233-1240.	0.8	16
89	The authors reply. <i>Critical Care Medicine</i> , 2017, 45, e1197.	0.4	0
90	Association of Response to Inhaled Nitric Oxide and Duration of Mechanical Ventilation in Pediatric Acute Respiratory Distress Syndrome*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 1019-1026.	0.2	29

#	ARTICLE	IF	CITATIONS
91	Genetic association and epistatic interaction of the interleukin-10 signaling pathway in pediatric inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2017, 23, 4897.	1.4	31
92	Association of the haem oxygenase-1 gene with inflammatory bowel disease. <i>Swiss Medical Weekly</i> , 2017, 147, w14456.	0.8	8
93	Relevant Outcomes in Pediatric Acute Respiratory Distress Syndrome Studies. <i>Frontiers in Pediatrics</i> , 2016, 4, 51.	0.9	38
94	Comparison of Pediatric Severe Sepsis Managed in U.S. and European ICUs*. <i>Pediatric Critical Care Medicine</i> , 2016, 17, 522-530.	0.2	92
95	Cortisol Correlates with Severity of Illness and Poorly Reflects Adrenal Function in Pediatric Acute Respiratory Distress Syndrome. <i>Journal of Pediatrics</i> , 2016, 177, 212-218.e1.	0.9	14
96	Acute Kidney Injury in Pediatric Severe Sepsis: An Independent Risk Factor for Death and New Disability. <i>Critical Care Medicine</i> , 2016, 44, 2241-2250.	0.4	117
97	Pediatric Sepsis Biomarker Risk Model-II: Redefining the Pediatric Sepsis Biomarker Risk Model With Septic Shock Phenotype. <i>Critical Care Medicine</i> , 2016, 44, 2010-2017.	0.4	95
98	Combining Prognostic and Predictive Enrichment Strategies to Identify Children With Septic Shock Responsive to Corticosteroids*. <i>Critical Care Medicine</i> , 2016, 44, e1000-e1003.	0.4	99
99	Alveolar Dead Space Fraction Discriminates Mortality in Pediatric Acute Respiratory Distress Syndrome*. <i>Pediatric Critical Care Medicine</i> , 2016, 17, 101-109.	0.2	46
100	Circulating markers of endothelial and alveolar epithelial dysfunction are associated with mortality in pediatric acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2016, 42, 1137-1145.	3.9	56
101	Factors affecting biomarkers of endothelial and alveolar epithelial dysfunction: response to comments by Kyo et al.. <i>Intensive Care Medicine</i> , 2016, 42, 2113-2114.	3.9	0
102	Impact of Weight Extremes on Clinical Outcomes in Pediatric Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2016, 44, 2052-2059.	0.4	38
103	736: IMPACT OF GLASGOW COMA SCALE SCORE ON MORTALITY IN PEDIATRIC SEVERE TRAUMATIC BRAIN INJURY. <i>Critical Care Medicine</i> , 2016, 44, 260-260.	0.4	0
104	1468: EPIDEMIOLOGY OF DEATH FOLLOWING PEDIATRIC SEPSIS: WHEN, WHY, AND HOW SEPTIC KIDS DIE. <i>Critical Care Medicine</i> , 2016, 44, 442-442.	0.4	0
105	Circulating nucleosomes are associated with mortality in pediatric acute respiratory distress syndrome. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L1177-L1184.	1.3	16
106	Prospective Testing and Redesign of a Temporal Biomarker Based Risk Model for Patients With Septic Shock: Implications for Septic Shock Biology. <i>EBioMedicine</i> , 2015, 2, 2087-2093.	2.7	11
107	The authors reply. <i>Pediatric Critical Care Medicine</i> , 2015, 16, 603-604.	0.2	0
108	1083. <i>Critical Care Medicine</i> , 2015, 43, 272-273.	0.4	0

#	ARTICLE	IF	CITATIONS
109	A Multibiomarker-Based Model for Estimating the Risk of Septic Acute Kidney Injury. <i>Critical Care Medicine</i> , 2015, 43, 1646-1653.	0.4	26
110	Discordant identification of pediatric severe sepsis by research and clinical definitions in the SPROUT international point prevalence study. <i>Critical Care</i> , 2015, 19, 325.	2.5	85
111	A Comparative Genomics Analysis Demonstrates a Distinct Molecular Signature for the Acute Respiratory Distress Syndrome. <i>Annals of the American Thoracic Society</i> , 2015, 12, S70-S71.	1.5	0
112	The authors reply. <i>Pediatric Critical Care Medicine</i> , 2015, 16, 689-691.	0.2	1
113	The authors reply. <i>Critical Care Medicine</i> , 2015, 43, e326.	0.4	0
114	257. <i>Critical Care Medicine</i> , 2015, 43, 66.	0.4	0
115	Methodology of the Pediatric Acute Lung Injury Consensus Conference. <i>Pediatric Critical Care Medicine</i> , 2015, 16, S1-S5.	0.2	9
116	The authors reply. <i>Pediatric Critical Care Medicine</i> , 2015, 16, 899-900.	0.2	3
117	Differential expression of the Nrf2-linked genes in pediatric septic shock. <i>Critical Care</i> , 2015, 19, 327.	2.5	7
118	DNA methylation profile and expression of surfactant protein A2 gene in lung cancer. <i>Experimental Lung Research</i> , 2015, 41, 93-102.	0.5	21
119	Developing a Clinically Feasible Personalized Medicine Approach to Pediatric Septic Shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 309-315.	2.5	232
120	Global Epidemiology of Pediatric Severe Sepsis: The Sepsis Prevalence, Outcomes, and Therapies Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 1147-1157.	2.5	762
121	Characterizing Degree of Lung Injury in Pediatric Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2015, 43, 937-946.	0.4	95
122	Corticosteroid exposure in pediatric acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2015, 41, 1658-1666.	3.9	52
123	Regulation of translation by upstream translation initiation codons of surfactant protein A1 splice variants. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L58-L75.	1.3	5
124	Therapeutic Hypothermia after Out-of-Hospital Cardiac Arrest in Children. <i>New England Journal of Medicine</i> , 2015, 372, 1898-1908.	13.9	371
125	Corticosteroids and Pediatric Septic Shock Outcomes: A Risk Stratified Analysis. <i>PLoS ONE</i> , 2014, 9, e112702.	1.1	56
126	A Prospective Assessment of the Effect of Aminophylline Therapy on Urine Output and Inflammation in Critically Ill Children. <i>Frontiers in Pediatrics</i> , 2014, 2, 59.	0.9	23

#	ARTICLE	IF	CITATIONS
127	Differential expression of the nuclear-encoded mitochondrial transcriptome in pediatric septic shock. <i>Critical Care</i> , 2014, 18, 623.	2.5	22
128	Corticosteroids Are Associated with Repression of Adaptive Immunity Gene Programs in Pediatric Septic Shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 940-946.	2.5	63
129	Surfactant Therapy. , 2014, , 195-213.		0
130	Post-ICU Admission Fluid Balance and Pediatric Septic Shock Outcomes. <i>Critical Care Medicine</i> , 2014, 42, 397-403.	0.4	69
131	Understanding the Global Epidemiology of Pediatric Critical Illness. <i>Pediatric Critical Care Medicine</i> , 2014, 15, 660-666.	0.2	14
132	The authors reply. <i>Pediatric Critical Care Medicine</i> , 2014, 15, 385-386.	0.2	0
133	The authors reply. <i>Pediatric Critical Care Medicine</i> , 2014, 15, 184-185.	0.2	0
134	Competency in the "Art" of Pediatric Mechanical Ventilation*. <i>Pediatric Critical Care Medicine</i> , 2014, 15, 669-670.	0.2	0
135	Delayed Antimicrobial Therapy Increases Mortality and Organ Dysfunction Duration in Pediatric Sepsis*. <i>Critical Care Medicine</i> , 2014, 42, 2409-2417.	0.4	389
136	Outcome of Pediatric Acute Myeloid Leukemia Patients Receiving Intensive Care in the United States. <i>Pediatric Critical Care Medicine</i> , 2014, 15, 112-120.	0.2	48
137	High-frequency percussive ventilation improves oxygenation and ventilation in pediatric patients with acute respiratory failure. <i>Journal of Critical Care</i> , 2014, 29, 314.e1-314.e7.	1.0	26
138	High frequency oscillation and airway pressure release ventilation in pediatric respiratory failure. <i>Pediatric Pulmonology</i> , 2014, 49, 707-715.	1.0	26
139	The Impact of a Locally Applied Vibrating Device on Outpatient Venipuncture in Children. <i>Clinical Pediatrics</i> , 2014, 53, 1189-1195.	0.4	30
140	Knockdown of Drosha in human alveolar type II cells alters expression of SP-A in culture: A pilot study. <i>Experimental Lung Research</i> , 2014, 40, 354-366.	0.5	11
141	Improved Oxygenation 24 Hours After Transition to Airway Pressure Release Ventilation or High-Frequency Oscillatory Ventilation Accurately Discriminates Survival in Immunocompromised Pediatric Patients With Acute Respiratory Distress Syndrome*. <i>Pediatric Critical Care Medicine</i> , 2014, 15, e147-e156.	0.2	46
142	Testing the Prognostic Accuracy of the Updated Pediatric Sepsis Biomarker Risk Model. <i>PLoS ONE</i> , 2014, 9, e86242.	1.1	69
143	The Temporal Version of the Pediatric Sepsis Biomarker Risk Model. <i>PLoS ONE</i> , 2014, 9, e92121.	1.1	36
144	Assessing Pulmonary Arterial Hypertension in Infants With Severe Chronic Lung Disease of Infancy: A Role for a Pulmonary Artery Catheter?. <i>Pediatric Cardiology</i> , 2013, 34, 1330-1334.	0.6	0

#	ARTICLE	IF	CITATIONS
145	Pediatric Calfactant in Acute Respiratory Distress Syndrome Trial*. Pediatric Critical Care Medicine, 2013, 14, 657-665.	0.2	91
146	The Relationship of Fluid Administration to Outcome in the Pediatric Calfactant in Acute Respiratory Distress Syndrome Trial*. Pediatric Critical Care Medicine, 2013, 14, 666-672.	0.2	62
147	Differences in Medical Therapy Goals for Children With Severe Traumatic Brain Injury—An International Study. Pediatric Critical Care Medicine, 2013, 14, 811-818.	0.2	69
148	Retrospective Outcomes of Glucose Control in Critically Ill Children. Journal of Diabetes Science and Technology, 2013, 7, 1220-1228.	1.3	1
149	Acute Lung Injury in Children—Kids Really Aren't Just "Little Adults". Pediatric Critical Care Medicine, 2013, 14, 429-432.	0.2	42
150	562. Critical Care Medicine, 2013, 41, A137.	0.4	2
151	The Nose Knows What It Wants. Pediatric Critical Care Medicine, 2013, 14, 730-731.	0.2	1
152	IL-18R1 and IL-18RAP SNPs may be associated with bronchopulmonary dysplasia in African-American infants. Pediatric Research, 2012, 71, 107-114.	1.1	30
153	A pilot, randomized, controlled clinical trial of lucinactant, a peptide-containing synthetic surfactant, in infants with acute hypoxemic respiratory failure. Pediatric Critical Care Medicine, 2012, 13, 646-653.	0.2	35
154	Comparison of SpO2 to PaO2 based markers of lung disease severity for children with acute lung injury*. Critical Care Medicine, 2012, 40, 1309-1316.	0.4	173
155	You must walk before you can run*. Pediatric Critical Care Medicine, 2012, 13, 691-692.	0.2	1
156	The pediatric sepsis biomarker risk model. Critical Care, 2012, 16, R174.	2.5	166
157	Interleukin-27 is a novel candidate diagnostic biomarker for bacterial infection in critically ill children. Critical Care, 2012, 16, R213.	2.5	79
158	Genetic Predisposition to Critical Illness in the Pediatric Intensive Care Unit. , 2012, , 242-261.		0
159	The Kinetics of Cardiopulmonary Bypass: A Dual-Platform Proteomics Study of Plasma Biomarkers in Pediatric Patients Undergoing Cardiopulmonary Bypass. Artificial Organs, 2012, 36, E1-20.	1.0	14
160	Surfactant protein genetics in community-acquired pneumonia: balancing the host inflammatory state. Critical Care, 2011, 15, 156.	2.5	20
161	Identification of candidate serum biomarkers for severe septic shock-associated kidney injury via microarray. Critical Care, 2011, 15, R273.	2.5	51
162	The Influence of Developmental Age on the Early Transcriptomic Response of Children with Septic Shock. Molecular Medicine, 2011, 17, 1146-1156.	1.9	195

#	ARTICLE	IF	CITATIONS
163	Validation of a gene expression-based subclassification strategy for pediatric septic shock*. Critical Care Medicine, 2011, 39, 2511-2517.	0.4	140
164	Defining acute lung disease in children with the oxygenation saturation index*. Pediatric Critical Care Medicine, 2010, 11, 12-17.	0.2	133
165	Severe pulmonary hypertension associated with the acute motor sensory axonal neuropathy subtype of Guillain-Barré syndrome. Pediatric Critical Care Medicine, 2010, 11, e16-e19.	0.2	5
166	Genetic Association of Nonsynonymous Variants of the IL23R with Familial and Sporadic Inflammatory Bowel Disease in Women. Digestive Diseases and Sciences, 2010, 55, 739-746.	1.1	19
167	Humanized SFTPA1 and SFTPA2 Transgenic Mice Reveal Functional Divergence of SP-A1 and SP-A2. Journal of Biological Chemistry, 2010, 285, 11998-12010.	1.6	79
168	Surfactant Composition and Biophysical Properties Are Important in Clinical Studies. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 762-762.	2.5	6
169	Dual-Platform Proteomics Study of Plasma Biomarkers in Pediatric Patients Undergoing Cardiopulmonary Bypass. Pediatric Research, 2010, 67, 641-649.	1.1	22
170	OCTN1 variant L503F is associated with familial and sporadic inflammatory bowel disease. Journal of Crohn's and Colitis, 2010, 4, 132-138.	0.6	20
171	Identification of pediatric septic shock subclasses based on genome-wide expression profiling. BMC Medicine, 2009, 7, 34.	2.3	216
172	Penn State Hershey's Center for Pediatric Cardiovascular Research. Artificial Organs, 2009, 33, 883-887.	1.0	4
173	Transmission of Surfactant Protein Variants and Haplotypes in Children Hospitalized With Respiratory Syncytial Virus. Pediatric Research, 2009, 66, 70-73.	1.1	47
174	Genetic association of DLG5 R30Q with familial and sporadic inflammatory bowel disease in men. Disease Markers, 2009, 27, 193-201.	0.6	7
175	Anemia, Blood Loss, and Blood Transfusions in North American Children in the Intensive Care Unit. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 26-33.	2.5	760
176	Validating the genomic signature of pediatric septic shock. Physiological Genomics, 2008, 34, 127-134.	1.0	94
177	Plasma Biomarkers in Pediatric Patients Undergoing Cardiopulmonary Bypass. Pediatric Research, 2008, 63, 638-644.	1.1	28
178	Demographics of abusive head trauma in the Commonwealth of Pennsylvania. Journal of Neurosurgery: Pediatrics, 2008, 1, 351-356.	0.8	61
179	Post hoc analysis of calfactant use in immunocompromised children with acute lung injury: Impact and feasibility of further clinical trials*. Pediatric Critical Care Medicine, 2008, 9, 459-464.	0.2	21
180	Characterization of a human surfactant protein A1 (SP-A1) gene-specific antibody; SP-A1 content variation among individuals of varying age and pulmonary health. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L1052-L1063.	1.3	71

#	ARTICLE	IF	CITATIONS
181	Genome-level expression profiles in pediatric septic shock indicate a role for altered zinc homeostasis in poor outcome. <i>Physiological Genomics</i> , 2007, 30, 146-155.	1.0	221
182	Palivizumab in congenital heart disease: should international guidelines be revised?. <i>Expert Opinion on Biological Therapy</i> , 2007, 7, 1615-1620.	1.4	11
183	Cerebrospinal Fluid Biomarkers versus Glasgow Coma Scale and Glasgow Outcome Scale in Pediatric Traumatic Brain Injury: The Role of Young Age and Inflicted Injury. <i>Journal of Neurotrauma</i> , 2007, 24, 75-86.	1.7	57
184	Assessment of parental presence during bedside pediatric intensive care unit rounds: Effect on duration, teaching, and privacy*. <i>Pediatric Critical Care Medicine</i> , 2007, 8, 220-224.	0.2	94
185	Palivizumab Prophylaxis to Prevent Respiratory Syncytial Virus Mortality After Pediatric Bone Marrow Transplantation. <i>Journal of Pediatric Hematology/Oncology</i> , 2007, 29, 227-232.	0.3	35
186	Temporal factors and the incidence of physical abuse in young children: decreased nonaccidental trauma during child abuse prevention month. <i>Journal of Pediatric Surgery</i> , 2007, 42, 1735-1739.	0.8	14
187	Surfactant Protein A2 (SP-A2) Variants Expressed in CHO Cells Stimulate Phagocytosis of <i>Pseudomonas aeruginosa</i> More than Do SP-A1 Variants. <i>Infection and Immunity</i> , 2007, 75, 1403-1412.	1.0	93
188	Genome-Level Longitudinal Expression of Signaling Pathways and Gene Networks in Pediatric Septic Shock. <i>Molecular Medicine</i> , 2007, 13, 495-508.	1.9	114
189	The use of a daily goals sheet to improve communication in the paediatric intensive care unit. <i>Intensive and Critical Care Nursing</i> , 2007, 23, 264-271.	1.4	40
190	Haplotypes of the surfactant protein genes A and D as susceptibility factors for the development of respiratory distress syndrome. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 96, 985-989.	0.7	40
191	Palivizumab: a review of its use in the protection of high risk infants against respiratory syncytial virus (RSV). <i>Biologics: Targets and Therapy</i> , 2007, 1, 33-43.	3.0	21
192	DNA methylation markers of surfactant proteins in lung cancer. <i>International Journal of Oncology</i> , 2007, 31, 181-91.	1.4	18
193	The impact of pediatric trauma in the Amish community. <i>Journal of Pediatrics</i> , 2006, 148, 359-365.	0.9	24
194	Opioids causing a back up in the pediatric intensive care unit? No solution yet. <i>Pediatric Critical Care Medicine</i> , 2006, 7, 287-288.	0.2	1
195	High-throughput DNA methylation profiling using universal bead arrays. <i>Genome Research</i> , 2006, 16, 383-393.	2.4	591
196	Family-Based Association Tests Suggest Linkage Between Surfactant Protein B (SP-B) (and Flanking) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Are Risk Factors for RDS. <i>Pediatric Research</i> , 2006, 59, 616-621.	1.1	16
197	Prospective assessment of guidelines for determining appropriate depth of endotracheal tube placement in children*. <i>Pediatric Critical Care Medicine</i> , 2005, 6, 519-522.	0.2	63
198	Idiopathic Thrombocytopenic Purpura Complicated by an Intracranial Hemorrhage Secondary to an Arteriovenous Malformation. <i>Pediatric Emergency Care</i> , 2005, 21, 309-311.	0.5	0

#	ARTICLE	IF	CITATIONS
199	Reply: Jading. <i>Pediatric Critical Care Medicine</i> , 2005, 6, 93.	0.2	2
200	Cost-effectiveness of exogenous surfactant therapy in pediatric patients with acute hypoxemic respiratory failure. <i>Pediatric Critical Care Medicine</i> , 2005, 6, 160-165.	0.2	14
201	Epoprostenol and home mechanical ventilation for pulmonary hypertension associated with chronic lung disease. <i>Pediatric Pulmonology</i> , 2005, 40, 265-269.	1.0	29
202	Effect of Exogenous Surfactant (Calfactant) in Pediatric Acute Lung Injury<SUBTITLE>A Randomized Controlled Trial</SUBTITLE>. <i>JAMA - Journal of the American Medical Association</i> , 2005, 293, 470.	3.8	364
203	Deletions within a CA-repeat-rich region of intron 4 of the human SP-B gene affect mRNA splicing. <i>Biochemical Journal</i> , 2005, 389, 403-412.	1.7	22
204	Duration of Cardiopulmonary Resuscitation before Extracorporeal Rescue: How Long Is Not Long Enough?. <i>ASAIO Journal</i> , 2005, 51, 665-667.	0.9	55
205	Efficacy of Bystander Cardiopulmonary Resuscitation and Out-of-Hospital Automated External Defibrillation as Life-Saving Therapy in Commotio Cordis. <i>Journal of Pediatrics</i> , 2005, 147, 863-866.	0.9	34
206	Altered chemokine response in an animal model of multiple organ dysfunction syndrome induced by zymosan. <i>Journal of Pediatric Surgery</i> , 2005, 40, 464-469.	0.8	3
207	Continuous Versus Intermittent Cerebrospinal Fluid Drainage after Severe Traumatic Brain Injury in Children: Effect on Biochemical Markers. <i>Journal of Neurotrauma</i> , 2004, 21, 1113-1122.	1.7	93
208	Assessment of the Macrophage Marker Quinolinic Acid in Cerebrospinal Fluid after Pediatric Traumatic Brain Injury: Insight into the Timing and Severity of Injury in Child Abuse. <i>Journal of Neurotrauma</i> , 2004, 21, 1123-1130.	1.7	28
209	Decreasing unplanned extubations: Utilization of the Penn State Children's Hospital Sedation Algorithm. <i>Pediatric Critical Care Medicine</i> , 2004, 5, 58-62.	0.2	78
210	AMANTADINE PENETRATION INTO CEREBROSPINAL FLUID OF A CHILD WITH INFLUENZA A ENCEPHALITIS. <i>Pediatric Infectious Disease Journal</i> , 2004, 23, 270-272.	1.1	4
211	Jading in the pediatric intensive care unit. <i>Pediatric Critical Care Medicine</i> , 2004, 5, 275-277.	0.2	29
212	Gas Gangrene Secondary to <i>Clostridium perfringens</i> in Pediatric Oncology Patients. <i>Pediatric Emergency Care</i> , 2004, 20, 457-459.	0.5	11
213	Type IV phosphodiesterase inhibition improves cardiac contractility in endotoxemic rats. <i>European Journal of Pharmacology</i> , 2003, 465, 133-139.	1.7	12
214	Magnesium sulfate for control of muscle rigidity and spasms and avoidance of mechanical ventilation in pediatric tetanus. <i>Pediatric Critical Care Medicine</i> , 2003, 4, 480-484.	0.2	23
215	To the Editor: Is the Injured Child Different or Just Treated Differently with Respect to the Development of Multiple Organ Dysfunction Syndrome?. <i>Journal of Trauma</i> , 2003, 55, 181-182.	2.3	1
216	Theophylline for acute renal vasoconstriction associated with tacrolimus: A new indication for an old therapeutic agent? *. <i>Pediatric Critical Care Medicine</i> , 2003, 4, 392-393.	0.2	11

#	ARTICLE	IF	CITATIONS
217	Plasma concentrations of defensins and lactoferrin in children with severe sepsis. <i>Pediatric Infectious Disease Journal</i> , 2002, 21, 34-38.	1.1	37
218	Effects of Type IV Phosphodiesterase Inhibition on Cardiac Function in the Presence and Absence of Catecholamines. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 32, 769-776.	0.8	11
219	Effect of the Type IV Phosphodiesterase Inhibitor Ro 20-1724 on Catecholamine-Induced Alterations in Regional Vascular Resistance and Regional Blood Flow. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 31, 840-853.	0.8	0
220	Pediatric ECMO for severe quinidine cardiotoxicity. <i>Pediatric Emergency Care</i> , 1997, 13, 111-113.	0.5	32
221	A Single-Center Retrospective Evaluation of Unplanned Pediatric Critical Care Upgrades. <i>Journal of Pediatric Intensive Care</i> , 0, , .	0.4	0
222	Hydrophilic But Not Hydrophobic Surfactant Protein Genetic Variants Are Associated With Severe Acute Respiratory Syncytial Virus Infection in Children. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1