

R Scott Watson

List of Publications by Citations

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

92
papers

7,336
citations

30
h-index

85
g-index

108
ext. papers

9,662
ext. citations

5
avg. IF

5.67
L-index

#	Paper	IF	Citations
92	Use of intensive care at the end of life in the United States: an epidemiologic study. <i>Critical Care Medicine</i> , 2004 , 32, 638-43	1.4	1525
91	Global, regional, and national sepsis incidence and mortality, 1990-2017: analysis for the Global Burden of Disease Study. <i>Lancet, The</i> , 2020 , 395, 200-211	40	1081
90	Unexpected increased mortality after implementation of a commercially sold computerized physician order entry system. <i>Pediatrics</i> , 2005 , 116, 1506-12	7.4	855
89	The epidemiology of severe sepsis in children in the United States. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 167, 695-701	10.2	739
88	Early reversal of pediatric-neonatal septic shock by community physicians is associated with improved outcome. <i>Pediatrics</i> , 2003 , 112, 793-9	7.4	485
87	Trends in the epidemiology of pediatric severe sepsis*. <i>Pediatric Critical Care Medicine</i> , 2013 , 14, 686-93	3	340
86	Protocolized sedation vs usual care in pediatric patients mechanically ventilated for acute respiratory failure: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 379-89	27.4	220
85	Duration of cardiopulmonary resuscitation and illness category impact survival and neurologic outcomes for in-hospital pediatric cardiac arrests. <i>Circulation</i> , 2013 , 127, 442-51	16.7	179
84	Scope and epidemiology of pediatric sepsis. <i>Pediatric Critical Care Medicine</i> , 2005 , 6, S3-5	3	162
83	Association Between the New York Sepsis Care Mandate and In-Hospital Mortality for Pediatric Sepsis. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 358-367	27.4	128
82	A Framework for the Development and Interpretation of Different Sepsis Definitions and Clinical Criteria. <i>Critical Care Medicine</i> , 2016 , 44, e113-21	1.4	98
81	A tertiary care center's experience with therapeutic hypothermia after pediatric cardiac arrest. <i>Pediatric Critical Care Medicine</i> , 2010 , 11, 66-74	3	97
80	Adults with chronic health conditions originating in childhood: inpatient experience in children's hospitals. <i>Pediatrics</i> , 2011 , 128, 5-13	7.4	90
79	A retrospective cohort study of prognostic factors associated with outcome in pediatric severe sepsis: what is the role of steroids?. <i>Pediatric Critical Care Medicine</i> , 2005 , 6, 270-4	3	83
78	Life after Critical Illness in Children-Toward an Understanding of Pediatric Post-intensive Care Syndrome. <i>Journal of Pediatrics</i> , 2018 , 198, 16-24	3.6	75
77	Trends in admissions for pediatric status asthmaticus in New Jersey over a 15-year period. <i>Pediatrics</i> , 2010 , 126, e904-11	7.4	57
76	The outcomes of children with pediatric acute respiratory distress syndrome: proceedings from the Pediatric Acute Lung Injury Consensus Conference. <i>Pediatric Critical Care Medicine</i> , 2015 , 16, S118-31	3	55

75	Serum biomarkers of brain injury to classify outcome after pediatric cardiac arrest*. <i>Critical Care Medicine</i> , 2014 , 42, 664-74	1.4	55
74	Application of a Framework to Assess the Usefulness of Alternative Sepsis Criteria. <i>Critical Care Medicine</i> , 2016 , 44, e122-30	1.4	46
73	Hospitalizations of children with neurologic disorders in the United States. <i>Pediatric Critical Care Medicine</i> , 2013 , 14, 801-10	3	43
72	International Survey of Critically Ill Children With Acute Neurologic Insults: The Prevalence of Acute Critical Neurological Disease in Children: A Global Epidemiological Assessment Study. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, 330-342	3	42
71	Existing data analysis in pediatric critical care research. <i>Frontiers in Pediatrics</i> , 2014 , 2, 79	3.4	42
70	Epidemiology and Outcomes of Pediatric Multiple Organ Dysfunction Syndrome. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, S4-S16	3	41
69	Long-Term Outcomes after Protocolized Sedation versus Usual Care in Ventilated Pediatric Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 1457-1467	10.2	40
68	Comparison of Cox and GrayB survival models in severe sepsis. <i>Critical Care Medicine</i> , 2004 , 32, 700-7	1.4	40
67	Clinician Attitudes Toward Adoption of Pediatric Emergency Telemedicine in Rural Hospitals. <i>Pediatric Emergency Care</i> , 2017 , 33, 250-257	1.4	38
66	An Intensive, Simulation-Based Communication Course for Pediatric Critical Care Medicine Fellows. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, e348-e355	3	36
65	Delirium in a Tertiary PICU: Risk Factors and Outcomes. <i>Pediatric Critical Care Medicine</i> , 2020 , 21, 21-32	3	35
64	Cost-effectiveness of inhaled nitric oxide in the treatment of neonatal respiratory failure in the United States. <i>Pediatrics</i> , 2003 , 112, 1351-60	7.4	33
63	A Core Outcome Set for Pediatric Critical Care. <i>Critical Care Medicine</i> , 2020 , 48, 1819-1828	1.4	31
62	Clinical and economic effects of iNO in premature newborns with respiratory failure at 1 year. <i>Pediatrics</i> , 2009 , 124, 1333-43	7.4	29
61	Risk Factors for Functional Decline and Impaired Quality of Life after Pediatric Respiratory Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 900-909	10.2	28
60	Beyond Survival: Pediatric Critical Care Interventional Trial Outcome Measure Preferences of Families and Healthcare Professionals. <i>Pediatric Critical Care Medicine</i> , 2018 , 19, e105-e111	3	28
59	Does Extracorporeal Membrane Oxygenation Improve Survival in Pediatric Acute Respiratory Failure?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 1177-1186	10.2	26
58	Acute severe asthma: Outcome and Medicaid insurance. <i>Pediatric Critical Care Medicine</i> , 2002 , 3, 234-238		26

57	Health-Related Quality of Life Among Survivors of Pediatric Sepsis. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, 501-509	3	24
56	Intensive care unit readmission during childhood after preterm birth with respiratory failure. <i>Journal of Pediatrics</i> , 2014 , 164, 749-755.e3	3.6	23
55	Postdischarge Outcome Domains in Pediatric Critical Care and the Instruments Used to Evaluate Them: A Scoping Review. <i>Critical Care Medicine</i> , 2020 , 48, e1313-e1321	1.4	22
54	Pediatric traumatic brain injury is inconsistently regionalized in the United States. <i>Pediatrics</i> , 2008 , 122, e172-80	7.4	21
53	Epidemiology of Pediatric Critical Illness in a Population-Based Birth Cohort in Olmsted County, MN. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, e137-e145	3	19
52	Pediatric Sepsis Definition-A Systematic Review Protocol by the Pediatric Sepsis Definition Taskforce 2020 , 2, e0123		18
51	Development of a core outcome set for pediatric critical care outcomes research. <i>Contemporary Clinical Trials</i> , 2020 , 91, 105968	2.3	18
50	New Morbidity and Discharge Disposition of Pediatric Acute Respiratory Distress Syndrome Survivors. <i>Critical Care Medicine</i> , 2018 , 46, 1731-1738	1.4	18
49	Racial and Ethnic Disparities in Parental Refusal of Consent in a Large, Multisite Pediatric Critical Care Clinical Trial. <i>Journal of Pediatrics</i> , 2017 , 184, 204-208.e1	3.6	17
48	Exploratory study of serum ubiquitin carboxyl-terminal esterase L1 and glial fibrillary acidic protein for outcome prognostication after pediatric cardiac arrest. <i>Resuscitation</i> , 2016 , 101, 65-70	4	16
47	Outcomes of Day 1 Multiple Organ Dysfunction Syndrome in the PICU. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, 914-922	3	15
46	Location, location, location: regionalization and outcome in pediatric critical care. <i>Current Opinion in Critical Care</i> , 2002 , 8, 344-8	3.5	14
45	Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Contemporary Organ Dysfunction Criteria: Executive Summary.. <i>Pediatrics</i> , 2022 , 149, S1-S12	7.4	13
44	Primary Outcome Measures in Pediatric Septic Shock Trials: A Systematic Review. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, e146-e154	3	12
43	Morbidity and Mortality Among Critically Injured Children With Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2019 , 47, e112-e119	1.4	11
42	24 vs. 72 hours of hypothermia for pediatric cardiac arrest: A pilot, randomized controlled trial. <i>Resuscitation</i> , 2018 , 126, 14-20	4	11
41	Risk Factors on Hospital Arrival for Acute Respiratory Distress Syndrome Following Pediatric Trauma. <i>Critical Care Medicine</i> , 2018 , 46, e1088-e1096	1.4	11
40	PICU-Based Rehabilitation and Outcomes Assessment: A Survey of Pediatric Critical Care Physicians. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, e274-e282	3	10

39	Inspiratory work of breathing is not decreased by flow-triggered sensing during spontaneous breathing in children receiving mechanical ventilation: a preliminary report. <i>Pediatric Critical Care Medicine</i> , 2004 , 5, 375-8	3	9
38	Radiation exposure from diagnostic imaging in the pediatric intensive care unit. <i>Pediatric Critical Care Medicine</i> , 2012 , 13, e245-8	3	8
37	Assessing Outcomes in Critical Care. <i>Journal of Intensive Care Medicine</i> , 2002 , 17, 103-111	3.3	8
36	Criteria for Pediatric Sepsis-A Systematic Review and Meta-Analysis by the Pediatric Sepsis Definition Taskforce. <i>Critical Care Medicine</i> , 2021 , 50,	1.4	7
35	Acute Respiratory Distress Syndrome Following Pediatric Trauma: Application of Pediatric Acute Lung Injury Consensus Conference Criteria. <i>Critical Care Medicine</i> , 2020 , 48, e26-e33	1.4	6
34	Design and rationale of the "Sedation strategy and cognitive outcome after critical illness in early childhood" study. <i>Contemporary Clinical Trials</i> , 2018 , 72, 8-15	2.3	5
33	Relationship between increases in pancreatic enzymes and cerebral events in children after traumatic brain injury. <i>Neurocritical Care</i> , 2009 , 11, 322-9	3.3	5
32	Brain MR imaging and spectroscopy for outcome prognostication after pediatric cardiac arrest. <i>Resuscitation</i> , 2020 , 157, 185-194	4	5
31	Study protocol for a multicentre longitudinal mixed methods study to explore the Outcomes of ChildrEn and fAmilies in the first year after paediatric Intensive Care: the OCEANIC study. <i>BMJ Open</i> , 2020 , 10, e038974	3	4
30	Unplanned transport events and severity of illness: are we conveying the whole picture?. <i>Pediatrics</i> , 2007 , 119, 648-9; author reply 649-50	7.4	4
29	Daily sedation interruption in children warrants further study. <i>Intensive Care Medicine</i> , 2016 , 42, 1101-2	14.5	4
28	Sedation Management for Critically Ill Children with Pre-Existing Cognitive Impairment. <i>Journal of Pediatrics</i> , 2019 , 206, 204-211.e1	3.6	4
27	Quality of life following hospitalization-associated acute kidney injury in children. <i>Journal of Nephrology</i> , 2018 , 31, 249-256	4.8	4
26	Response to letters regarding article, "Duration of cardiopulmonary resuscitation and illness category impact survival and neurologic outcomes for in-hospital pediatric cardiac arrests". <i>Circulation</i> , 2013 , 128, e102-3	16.7	3
25	The Accreditation Council for Graduate Medical Education proposed work hour regulations. <i>Pediatric Critical Care Medicine</i> , 2011 , 12, 120-1	3	3
24	Health-related quality of life outcome measures for children surviving critical care: a scoping review. <i>Quality of Life Research</i> , 2021 , 30, 3383-3394	3.7	3
23	Haloperidol and Quetiapine for the Treatment of ICU-Associated Delirium in a Tertiary Pediatric ICU: A Propensity Score-Matched Cohort Study. <i>Paediatric Drugs</i> , 2021 , 23, 159-169	4.2	3
22	Health-Related Quality of Life Following Delirium in the PICU. <i>Pediatric Critical Care Medicine</i> , 2021 ,	3	3

21	School and Work Absences After Critical Care Hospitalization for Pediatric Acute Respiratory Failure: A Secondary Analysis of a Cluster Randomized Trial.. <i>JAMA Network Open</i> , 2021 , 4, e2140732	10.4	3
20	Epidemiology of Sepsis Among Adolescents at Community Hospital Emergency Departments: Implications for RORY Regulations. <i>JAMA Pediatrics</i> , 2017 , 171, 1011-1012	8.3	2
19	Epidemiology of Critical Illness 2014 , 125-131		2
18	Identifying Long-Term Morbidities and Health Trajectories After Prolonged Mechanical Ventilation in Children Using State All Payer Claims Data.. <i>Pediatric Critical Care Medicine</i> , 2022 , 23,	3	2
17	Understanding genetics of acute lung injury and acute respiratory distress syndrome in children: steps in the right direction. <i>Pediatric Critical Care Medicine</i> , 2008 , 9, 650-1	3	1
16	The Bartlett et al extracorporeal membrane oxygenation case series from 1977, with expert commentary provided by Dr P. Pearl O'Rourke. <i>Journal of Critical Care</i> , 2006 , 21, 151-5	4	1
15	Prematurity-associated costs: more than just surfactant. <i>Pediatric Critical Care Medicine</i> , 2003 , 4, 256-7	3	1
14	The Connors et al PAC Study, with expert commentary by Dr Gordon Bernard. <i>Journal of Critical Care</i> , 2005 , 20, 181-6	4	1
13	Patterns of Organ Dysfunction in Critically Ill Children Based on PODIUM Criteria.. <i>Pediatrics</i> , 2022 , 149, S103-S110	7.4	1
12	Epidemiology of Critical Illness 2009 , 1-5		1
11	Sleep Architecture in Mechanically Ventilated Pediatric ICU Patients Receiving Goal-Directed, Dexmedetomidine- and Opioid-based Sedation.. <i>Journal of Pediatric Intensive Care</i> , 2022 , 11, 32-40	1	1
10	Overall Health Following Pediatric Critical Illness: A Scoping Review of Instruments and Methodology. <i>Pediatric Critical Care Medicine</i> , 2021 , 22, 1061-1071	3	1
9	Association of Race and Ethnicity with Sedation Management in Pediatric Intensive Care. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 93-102	4.7	1
8	Association of Socioeconomic Status With Postdischarge Pediatric Resource Use and Quality of Life. <i>Critical Care Medicine</i> , 2021 ,	1.4	1
7	Actigraphy in mechanically ventilated pediatric ICU patients: comparison to PSG and evaluation of behavioral circadian rhythmicity. <i>Chronobiology International</i> , 2021 , 1-12	3.6	0
6	An exploratory assessment of serum biomarkers of post-cardiac arrest syndrome in children. <i>Resuscitation</i> , 2021 , 167, 307-316	4	0
5	Association of Acute Respiratory Failure in Early Childhood With Long-term Neurocognitive Outcomes.. <i>JAMA - Journal of the American Medical Association</i> , 2022 , 327, 836-845	27.4	0
4	Delirium in a Tertiary Pediatric Cardiac Intensive Care Unit: Risk Factors and Outcomes.. <i>Journal of Intensive Care Medicine</i> , 2021 , 8850666211066892	3.3	0

3 The Epidemiology of Severe Infections in Children **2008**, 194-212

2 Proving the Point: Evidence-Based Medicine in Pediatric Critical Care **2011**, 54-58

1 Measuring Social Health Following Pediatric Critical Illness: A Scoping Review and Conceptual Framework. *Journal of Intensive Care Medicine*,088506662211028 3-3