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List of 10 important publications with journal impact factors and citations and their impact

Publication	Impact factor	Citations till date (Google Scholar)	Impact on clinical care/ guidelines
1. Sankar J , Singh M, Kumar K, Sankar MJ, Kabra SK, Lodha R. 'Intermittent' versus 'continuous' ScvO ₂ monitoring in children with septic shock: a randomised, non-inferiority trial. Intensive Care Med. 2020 Jan;46(1):82-92.	17.7	3	Use of ScvO ₂ is recommended in addition to clinical variables to guide resuscitation of children with septic shock in the recent surviving sepsis campaign guidelines 2020.
2. Sankar J , Ismail J, Sankar MJ, C P S, Meena RS. Fluid Bolus Over 15-20 Versus 5-10 Minutes Each in the First Hour of Resuscitation in Children With Septic Shock: A Randomized Controlled Trial. Pediatr Crit Care Med. 2017 Oct;18(10):e435-e445.	3.64	42	The surviving sepsis campaign guidelines 2020 recommends slower bolus over 20-30 minutes (previously 5-10 minutes)

3.	Sankar J , Sankar MJ, Suresh CP, Dubey NK, Singh A. Early goal-directed therapy in pediatric septic shock: comparison of outcomes "with" and "without" intermittent superior venacaval oxygen saturation monitoring: a prospective cohort study*. Pediatr Crit Care Med. 2014 May;15(4):e157-67.	3.64	55	Use of ScvO ₂ is recommended in addition to clinical variables to guide resuscitation of children with septic shock in the recent surviving sepsis campaign guidelines 2020.
4.	Sankar J , Garg M, Ghimire JJ, Sankar MJ, Lodha R, Kabra SK. Delayed Administration of Antibiotics Beyond the First Hour of Recognition Is Associated with Increased Mortality Rates in Children with Sepsis/Severe Sepsis and Septic Shock. <i>J Pediatr.</i> 2021 Jun;233:183-190.e3. (epub 2020)	3.7	4	Administration of antibiotics after 1 hour of recognition is associated with higher mortality rates in children with severe sepsis, and septic shock (aOR 1.83).
5.	Sankar J , Dhochak N, Kumar K, Singh M, Sankar MJ, Lodha R. Comparison of International Pediatric Sepsis Consensus Conference Versus Sepsis-3 Definitions for Children Presenting With Septic Shock to a Tertiary Care Center in India: A Retrospective Study. Pediatr Crit Care Med. 2019 Mar;20(3):e122-e129.	3.64	13	One of the only studies in children to compare the sepsis -3 definition proposed for adult patients with sepsis with the existing IPSCC definitions in children.

6.	Gupta S , Sankar J*, Lodha R, Kabra SK. Comparison of Prevalence and Outcomes of Pediatric Acute Respiratory Distress Syndrome Using Pediatric Acute Lung Injury Consensus Conference Criteria and Berlin Definition. Front Pediatr. 2018 Apr 9;6:93.	2.63	36	One of the first studies to validate the PARDS definitions and compare it with Berlin definitions in children
7.	Sankar J , Das RR, Jain A, Dewangan S et al. Prevalence and outcome of diastolic dysfunction in children with fluid refractory septic shock--a prospective observational study. Pediatr Crit Care Med. 2014 ;15(9):e370-8.	3.495	34	Prevalence of SMD >70% in fluid refractory SS and diastolic dysfunction more prevalent – implications for fluid therapy
8.	Jain A , Sankar J*, Anubhuti A, Yadav DK, Sankar MJ. Prevalence and Outcome of Sepsis-induced Myocardial Dysfunction in Children with 'Sepsis' 'With' and 'Without Shock'-A Prospective Observational Study. J Trop Pediatr. 2018 Dec 1;64(6):501-509.	1.16	15	One of the first few studies in children to provide data on sepsis induced myocardial dysfunction.
9.	Jhuma Sankar , Arnav Chandel, NK Dubey, V Sreenivas, M Jeeva Sankar. Do Interventions in an Intensive Care Unit Affect the Predictive	3.64	17	One of the first studies to compare PIM and PIM-2 mortality risk scores at different time points.

Ability of Pediatric Index of
mortality (PIM) and PIM-2
Scores in a Tertiary Care
Hospital? *Pediatr Crit Care*
Med. 2013 Feb;14(2):e70-6.

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| 10. Kushwaha KP , Sankar J,
Sankar MJ, et al. Effect of peer
counselling by mother support
groups on infant and young
child feeding practices: the
Lalitpur experience. <i>PLoS One</i> .
2014 Nov 4;9(11):e109181. | 3.23 | 56 | Provided important evidence on infant
and young child feeding practices. |
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