

Adnan T Bhutta

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.

86

papers

4,049

citations

25

h-index

63

g-index

91

ext. papers

4,598

ext. citations

3.9

avg, IF

5.34

L-index

#	Paper	IF	Citations
86	Cognitive and behavioral outcomes of school-aged children who were born preterm: a meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 288, 728-37	27.4	1632
85	The International Liaison Committee on Resuscitation (ILCOR) consensus on science with treatment recommendations for pediatric and neonatal patients: pediatric basic and advanced life support. <i>Pediatrics</i> , 2006 , 117, e955-77	7.4	209
84	Vulnerability of the developing brain. Neuronal mechanisms. <i>Clinics in Perinatology</i> , 2002 , 29, 357-72	2.8	176
83	2005 American Heart Association (AHA) guidelines for cardiopulmonary resuscitation (CPR) and emergency cardiovascular care (ECC) of pediatric and neonatal patients: pediatric basic life support. <i>Pediatrics</i> , 2006 , 117, e989-1004	7.4	162
82	Ketamine reduces the cell death following inflammatory pain in newborn rat brain. <i>Pediatric Research</i> , 2007 , 62, 283-90	3.2	152
81	Interactions of inflammatory pain and morphine in infant rats: long-term behavioral effects. <i>Physiology and Behavior</i> , 2001 , 73, 51-8	3.5	129
80	Outcomes after in-hospital cardiac arrest in children with cardiac disease: a report from Get With the Guidelines--Resuscitation. <i>Circulation</i> , 2011 , 124, 2329-37	16.7	113
79	2005 American Heart Association (AHA) guidelines for cardiopulmonary resuscitation (CPR) and emergency cardiovascular care (ECC) of pediatric and neonatal patients: pediatric advanced life support. <i>Pediatrics</i> , 2006 , 117, e1005-28	7.4	100
78	Outcomes after extracorporeal cardiopulmonary resuscitation (ECPR) following refractory pediatric cardiac arrest in the intensive care unit. <i>Resuscitation</i> , 2009 , 80, 1124-9	4	83
77	Bridge to cardiac transplant in children: Berlin Heart versus extracorporeal membrane oxygenation. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 1894-901; discussion 1901	2.7	82
76	Reduction of bloodstream infections associated with catheters in paediatric intensive care unit: stepwise approach. <i>BMJ, The</i> , 2007 , 334, 362-5	5.9	77
75	20-year experience of prolonged extracorporeal membrane oxygenation in critically ill children with cardiac or pulmonary failure. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 1584-90	2.7	71
74	Hemolysis during cardiac extracorporeal membrane oxygenation: a case-control comparison of roller pumps and centrifugal pumps in a pediatric population. <i>ASAIO Journal</i> , 2011 , 57, 456-61	3.6	66
73	Ketamine: a controversial drug for neonates. <i>Seminars in Perinatology</i> , 2007 , 31, 303-8	3.3	59
72	Noninvasive cerebral oximeter as a surrogate for mixed venous saturation in children. <i>Pediatric Cardiology</i> , 2007 , 28, 34-41	2.1	58
71	Hemodynamic effects of dexmedetomidine in critically ill neonates and infants with heart disease. <i>Pediatric Cardiology</i> , 2012 , 33, 1069-77	2.1	52
70	Use of near-infrared spectroscopy for estimation of renal oxygenation in children with heart disease. <i>Pediatric Cardiology</i> , 2011 , 32, 748-53	2.1	50

69	Ketamine as a neuroprotective and anti-inflammatory agent in children undergoing surgery on cardiopulmonary bypass: a pilot randomized, double-blind, placebo-controlled trial. <i>Pediatric Critical Care Medicine</i> , 2012 , 13, 328-37	3	48
68	Impact of 22q11.2 deletion on the postoperative course of children after cardiac surgery. <i>Pediatric Cardiology</i> , 2013 , 34, 341-7	2.1	42
67	Abnormal cognition and behavior in preterm neonates linked to smaller brain volumes. <i>Trends in Neurosciences</i> , 2001 , 24, 129-30; discussion 131-2	13.3	42
66	Ketamine analgesia for inflammatory pain in neonatal rats: a factorial randomized trial examining long-term effects. <i>Behavioral and Brain Functions</i> , 2008 , 4, 35	4.1	38
65	Intrahospital transport of children on extracorporeal membrane oxygenation: indications, process, interventions, and effectiveness. <i>Pediatric Critical Care Medicine</i> , 2010 , 11, 227-33	3	35
64	Incremental reduction in the incidence of stroke in children supported with the Berlin EXCOR ventricular assist device. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 1727-33	2.7	32
63	White matter injury in newborns with congenital heart disease: a diffusion tensor imaging study. <i>Pediatric Neurology</i> , 2014 , 51, 377-83	2.9	27
62	Extracorporeal membrane oxygenation support for intractable primary arrhythmias and complete congenital heart block in newborns and infants: short-term and medium-term outcomes. <i>Pediatric Critical Care Medicine</i> , 2012 , 13, 47-52	3	27
61	Steroid therapy attenuates acute phase reactant response among children on ventricular assist device support. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 1392-8	2.7	25
60	A single-center experience of extubation failure in infants undergoing the Norwood operation. <i>Annals of Thoracic Surgery</i> , 2012 , 94, 1262-8	2.7	25
59	Academic proficiency in children after early congenital heart disease surgery. <i>Pediatric Cardiology</i> , 2014 , 35, 344-52	2.1	24
58	Extubation failure in infants with shunt-dependent pulmonary blood flow and univentricular physiology. <i>Cardiology in the Young</i> , 2014 , 24, 64-72	1	22
57	Extracorporeal membrane oxygenation support among children with adenovirus infection: a review of the Extracorporeal Life Support Organization registry. <i>ASAIO Journal</i> , 2014 , 60, 49-56	3.6	19
56	Cardiopulmonary bypass flow rate: a risk factor for hyperlactatemia after surgical repair of secundum atrial septal defect in children. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 139, 170-3	3.5	19
55	School-Age Test Proficiency and Special Education After Congenital Heart Disease Surgery in Infancy. <i>Journal of Pediatrics</i> , 2016 , 178, 47-54.e1	3.6	19
54	Amplitude-integrated EEG in newborns with critical congenital heart disease predicts preoperative brain magnetic resonance imaging findings. <i>Pediatric Neurology</i> , 2015 , 52, 599-605	2.9	18
53	Multi-tiered analysis of brain injury in neonates with congenital heart disease. <i>Pediatric Cardiology</i> , 2013 , 34, 1772-84	2.1	18
52	Nutritional challenges and outcomes after surgery for congenital heart disease. <i>Current Opinion in Cardiology</i> , 2010 , 25, 88-94	2.1	18

51	Hospitalized Children With Encephalitis in the United States: A Pediatric Health Information System Database Study. <i>Pediatric Neurology</i> , 2016 , 61, 58-62	2.9	17
50	Biomarkers for risk stratification of febrile neutropenia among children with malignancy: a pilot study. <i>Pediatric Blood and Cancer</i> , 2012 , 59, 238-45	3	16
49	Preoperative lymphopenia is a predictor of postoperative adverse outcomes in children with congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 138, 1172-9	1.5	16
48	Short-term outcome of neonates with congenital heart disease and diaphragmatic hernia treated with extracorporeal membrane oxygenation. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 1373-6	2.7	15
47	Recombinant human deoxyribonuclease improves atelectasis in mechanically ventilated children with cardiac disease. <i>Congenital Heart Disease</i> , 2009 , 4, 166-73	3.1	14
46	Abdominal compartment syndrome in newborns and children supported on extracorporeal membrane oxygenation. <i>ASAIO Journal</i> , 2012 , 58, 143-7	3.6	14
45	Acute kidney injury is associated with increased in-hospital mortality in mechanically ventilated children with trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2012 , 73, 832-7	3.3	14
44	Optimizing Team Dynamics: An Assessment of Physician Trainees and Advanced Practice Providers Collaborative Practice. <i>Pediatric Critical Care Medicine</i> , 2016 , 17, e430-6	3	13
43	Dimension and overlap of femoral and neck blood vessels in neonates. <i>Pediatric Critical Care Medicine</i> , 2012 , 13, 312-7	3	13
42	Neonatal herpes virus infection and extracorporeal life support. <i>Pediatric Critical Care Medicine</i> , 2010 , 11, 599-602	3	13
41	Adrenal insufficiency in hemodynamically unstable neonates after open-heart surgery. <i>Congenital Heart Disease</i> , 2010 , 5, 422-9	3.1	12
40	Successful intra-arterial thrombolytic therapy for a right middle cerebral artery stroke in a 2-year-old supported by a ventricular assist device. <i>Transplant International</i> , 2012 , 25, e31-3	3	11
39	Comparative effects of ventricular assist device and extracorporeal membrane oxygenation on renal function in pediatric heart failure. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 1428-1434	2.7	11
38	Anaesthetic neurotoxicity in rodents: is the ketamine controversy real?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007 , 96, 1554-6	3.1	11
37	Vascular access and drug therapy in pediatric resuscitation. <i>Pediatric Clinics of North America</i> , 2008 , 55, 909-27, x	3.6	10
36	Management of a pediatric patient on the Berlin Heart Excor ventricular assist device with argatroban after heparin-induced thrombocytopenia. <i>ASAIO Journal</i> , 2008 , 54, 546-7	3.6	10
35	A novel paradigm for providing improved care to chronic patients in cardiac intensive care unit. <i>Congenital Heart Disease</i> , 2012 , 7, 403-9	3.1	9
34	Discrepancies between autopsy and clinical findings among patients requiring extracorporeal membrane oxygenator support. <i>ASAIO Journal</i> , 2014 , 60, 207-10	3.6	6

33	Reye's syndrome: down but not out. <i>Southern Medical Journal</i> , 2003 , 96, 43-5	0.6	6
32	Reduction in paediatric intensive care admissions during COVID-19 lockdown in Maryland, USA. <i>BMJ Paediatrics Open</i> , 2020 , 4, e000876	2.4	5
31	Blood Cardioplegia Induction, Perfusion Storage and Graft Dysfunction in Cardiac Xenotransplantation. <i>Frontiers in Immunology</i> , 2021 , 12, 667093	8.4	5
30	Progressive genetic modifications of porcine cardiac xenografts extend survival to 9 months.. <i>Xenotransplantation</i> , 2022 , e12744	2.8	5
29	Risk factors for prolonged mechanical ventilation for children on ventricular assist device support. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 1713-8	2.7	4
28	Multisystem inflammatory syndrome (MIS-C) in Pakistani children: A description of the phenotypes and comparison with historical cohorts of children with Kawasaki disease and myocarditis. <i>PLoS ONE</i> , 2021 , 16, e0253625	3.7	4
27	Solid organ donation in a child after extracorporeal membrane oxygenation, orthotopic heart transplantation, and ventricular assist device support. <i>Pediatric Transplantation</i> , 2012 , 16, E368-71	1.8	3
26	Temporal trends in use of sildenafil among pediatric patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 1269-71	10.2	3
25	Characteristics and outcomes of children with congenital heart disease needing diaphragm plication. <i>Cardiology in the Young</i> , 2020 , 30, 62-65	1	3
24	Outcomes of Children With Firearm Injuries Admitted to the PICU in the United States. <i>Pediatric Critical Care Medicine</i> , 2021 , 22, 944-949	3	3
23	Extracorporeal Membrane Oxygenation for Neonates with Congenital Renal and Urological Anomalies and Pulmonary Hypoplasia: A Case Report and Review of the Extracorporeal Life Support Organization Registry. <i>Journal of Pediatric Intensive Care</i> , 2017 , 6, 188-193	1	2
22	High-dose argatroban for heparin-induced thrombocytopenia in a child using a ventricular assist device. <i>Annals of Thoracic Surgery</i> , 2013 , 95, e57-8	2.7	2
21	679. <i>Critical Care Medicine</i> , 2013 , 41, A166-A167	1.4	2
20	Bedside Rounds in Intensive Care Units during the COVID-19 Pandemic and Beyond. <i>Journal of Pediatric Intensive Care</i> , 2021 , 10, 210-215	1	2
19	Prematurity and Later Cognitive OutcomesReply. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 288, 2543	27.4	1
18	Application of Nonhuman Primate Models in the Studies of Pediatric Anesthesia Neurotoxicity.. <i>Anesthesia and Analgesia</i> , 2022 ,	3.9	1
17	Global research priorities on COVID-19 for maternal, newborn, child and adolescent health.. <i>Journal of Global Health</i> , 2021 , 11, 04071	4.3	1
16	The Impact of Dedicated Cardiac Intensive Care Units on Outcomes in Pediatric Cardiac Surgery: A Virtual Pediatric Systems Database Analysis. <i>Journal of Pediatric Intensive Care</i> , 2021 , 10, 174-179	1	1

15	Catheter-Associated Blood Stream Infections in Intracardiac Lines. <i>Journal of Pediatric Intensive Care</i> , 2017 , 6, 159-164	1	0
14	Global PARITY: Study Design for a Multi-Centered, International Point Prevalence Study to Estimate the Burden of Pediatric Acute Critical Illness in Resource-Limited Settings.. <i>Frontiers in Pediatrics</i> , 2021 , 9, 793326	3.4	0
13	Comparison of Antithrombin III Products in Pediatric Patients Receiving Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2020 , 66, 1042-1047	3.6	0
12	Understanding the Role of Pharmacometrics-Based Clinical Decision Support Systems in Pediatric Patient Management: A Case Study Using Lyv Software. <i>Journal of Clinical Pharmacology</i> , 2021 , 61 Suppl 1, S125-S132	2.9	0
11	The Burden of Critical Illness in Hospitalized Children in Low- and Middle-Income Countries: Protocol for a Systematic Review and Meta-Analysis.. <i>Frontiers in Pediatrics</i> , 2022 , 10, 756643	3.4	0
10	Botulism in the Pediatric Intensive Care Units in the United States: Interrogating a National Database. <i>Journal of Pediatric Intensive Care</i> , 2020 , 9, 12-15	1	
9	397. <i>Critical Care Medicine</i> , 2013 , 41, A95	1.4	
8	279. <i>Critical Care Medicine</i> , 2013 , 41, A64	1.4	
7	Prematurity and Later Cognitive Outcomes. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 288, 2542	27.4	
6	Outcomes of Pediatric Patients With Sepsis Related to and Methicillin-Resistant Infections Requiring Extracorporeal Life Support: An ELSO Database Study. <i>Frontiers in Pediatrics</i> , 2021 , 9, 706638	3.4	
5	Long-term effects of repetitive pain in the neonatal period 2005 , 197-210		
4	195: THE USE OF VA ECMO AS A BRIDGE TO PEDIATRIC HEART-LUNG TRANSPLANT: A CASE REPORT. <i>Critical Care Medicine</i> , 2020 , 48, 80-80	1.4	
3	Post-operative course of pulmonary artery pressure after complete atrioventricular canal defect repair. <i>Cardiology in the Young</i> , 2021 , 1-7	1	
2	392. <i>Critical Care Medicine</i> , 2019 , 47, 177	1.4	
1	1221. <i>Critical Care Medicine</i> , 2019 , 47, 587	1.4	