

Adnan T Bhutta

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

5,159
citations

172443

29
h-index

85537

71
g-index

91
all docs

91
docs citations

91
times ranked

5627
citing authors

#	ARTICLE	IF	CITATIONS
1	Cognitive and Behavioral Outcomes of School-Aged Children Who Were Born Preterm. JAMA - Journal of the American Medical Association, 2002, 288, 728.	7.4	2,002
2	The International Liaison Committee on Resuscitation (ILCOR) Consensus on Science With Treatment Recommendations for Pediatric and Neonatal Patients: Pediatric Basic and Advanced Life Support. Pediatrics, 2006, 117, e955-e977.	2.1	248
3	Vulnerability of the developing brain. Clinics in Perinatology, 2002, 29, 357-372.	2.1	210
4	2005 American Heart Association (AHA) Guidelines for Cardiopulmonary Resuscitation (CPR) and Emergency Cardiovascular Care (ECC) of Pediatric and Neonatal Patients: Pediatric Basic Life Support. Pediatrics, 2006, 117, e989-e1004.	2.1	205
5	Ketamine Reduces the Cell Death Following Inflammatory Pain in Newborn Rat Brain. Pediatric Research, 2007, 62, 283-290.	2.3	192
6	2005 American Heart Association (AHA) Guidelines for Cardiopulmonary Resuscitation (CPR) and Emergency Cardiovascular Care (ECC) of Pediatric and Neonatal Patients: Pediatric Advanced Life Support. Pediatrics, 2006, 117, e1005-e1028.	2.1	156
7	Interactions of inflammatory pain and morphine in infant rats: long-term behavioral effects. Physiology and Behavior, 2001, 73, 51-58.	2.1	144
8	Outcomes After In-Hospital Cardiac Arrest in Children With Cardiac Disease. Circulation, 2011, 124, 2329-2337.	1.6	144
9	Bridge to Cardiac Transplant in Children: Berlin Heart versus Extracorporeal Membrane Oxygenation. Annals of Thoracic Surgery, 2009, 87, 1894-1901.	1.3	97
10	Outcomes after extracorporeal cardiopulmonary resuscitation (ECPR) following refractory pediatric cardiac arrest in the intensive care unit. Resuscitation, 2009, 80, 1124-1129.	3.0	93
11	Reduction of bloodstream infections associated with catheters in paediatric intensive care unit: stepwise approach. BMJ: British Medical Journal, 2007, 334, 362-365.	2.3	87
12	20-Year Experience of Prolonged Extracorporeal Membrane Oxygenation in Critically Ill Children With Cardiac or Pulmonary Failure. Annals of Thoracic Surgery, 2012, 93, 1584-1590.	1.3	86
13	Hemolysis During Cardiac Extracorporeal Membrane Oxygenation: A Case-Control Comparison of Roller Pumps and Centrifugal Pumps in a Pediatric Population. ASAIO Journal, 2011, 57, 456-461.	1.6	82
14	Ketamine: A Controversial Drug for Neonates. Seminars in Perinatology, 2007, 31, 303-308.	2.5	74
15	Noninvasive Cerebral Oximeter as a Surrogate for Mixed Venous Saturation in Children. Pediatric Cardiology, 2007, 28, 34-41.	1.3	68
16	Hemodynamic Effects of Dexmedetomidine in Critically Ill Neonates and Infants With Heart Disease. Pediatric Cardiology, 2012, 33, 1069-1077.	1.3	65
17	Progressive genetic modifications of porcine cardiac xenografts extend survival to 9 months. Xenotransplantation, 2022, 29, e12744.	2.8	64
18	Use of Near-Infrared Spectroscopy for Estimation of Renal Oxygenation in Children With Heart Disease. Pediatric Cardiology, 2011, 32, 748-753.	1.3	57

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19	Ketamine as a neuroprotective and anti-inflammatory agent in children undergoing surgery on cardiopulmonary bypass. <i>Pediatric Critical Care Medicine</i> , 2012, 13, 328-337.	0.5	56
20	Impact of 22q11.2 Deletion on the Postoperative Course of Children After Cardiac Surgery. <i>Pediatric Cardiology</i> , 2013, 34, 341-347.	1.3	51
21	Abnormal cognition and behavior in preterm neonates linked to smaller brain volumes. <i>Trends in Neurosciences</i> , 2001, 24, 129-130.	8.6	48
22	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.	3.3	48
23	White Matter Injury in Newborns With Congenital Heart Disease: A Diffusion Tensor Imaging Study. <i>Pediatric Neurology</i> , 2014, 51, 377-383.	2.1	42
24	Intrahospital transport of children on extracorporeal membrane oxygenation: Indications, process, interventions, and effectiveness. <i>Pediatric Critical Care Medicine</i> , 2010, 11, 227-233.	0.5	40
25	A Single-Center Experience of Extubation Failure in Infants Undergoing the Norwood Operation. <i>Annals of Thoracic Surgery</i> , 2012, 94, 1262-1268.	1.3	40
26	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, 1727-1733.	1.3	39
27	Extracorporeal membrane oxygenation support for intractable primary arrhythmias and complete congenital heart block in newborns and infants. <i>Pediatric Critical Care Medicine</i> , 2012, 13, 47-52.	0.5	35
28	Extubation failure in infants with shunt-dependent pulmonary blood flow and univentricular physiology. <i>Cardiology in the Young</i> , 2014, 24, 64-72.	0.8	34
29	Steroid Therapy Attenuates Acute Phase Reactant Response Among Children on Ventricular Assist Device Support. <i>Annals of Thoracic Surgery</i> , 2015, 99, 1392-1398.	1.3	33
30	School-Age Test Proficiency and Special Education After Congenital Heart Disease Surgery in Infancy. <i>Journal of Pediatrics</i> , 2016, 178, 47-54.e1.	1.8	33
31	Academic Proficiency in Children After Early Congenital Heart Disease Surgery. <i>Pediatric Cardiology</i> , 2014, 35, 344-352.	1.3	30
32	Multi-Tiered Analysis of Brain Injury in Neonates With Congenital Heart Disease. <i>Pediatric Cardiology</i> , 2013, 34, 1772-1784.	1.3	29
33	Hospitalized Children With Encephalitis in the United States: A Pediatric Health Information System Database Study. <i>Pediatric Neurology</i> , 2016, 61, 58-62.	2.1	26
34	Recombinant Human Deoxyribonuclease Improves Atelectasis in Mechanically Ventilated Children with Cardiac Disease. <i>Congenital Heart Disease</i> , 2009, 4, 166-173.	0.2	25
35	Nutritional challenges and outcomes after surgery for congenital heart disease. <i>Current Opinion in Cardiology</i> , 2010, 25, 88-94.	1.8	25
36	Extracorporeal Membrane Oxygenation Support Among Children with Adenovirus Infection. <i>ASAIO Journal</i> , 2014, 60, 49-56.	1.6	24

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37	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.	2.1	24
38	Biomarkers for risk stratification of febrile neutropenia among children with malignancy: A pilot study. <i>Pediatric Blood and Cancer</i> , 2012, 59, 238-245.	1.5	21
39	Optimizing Team Dynamics: An Assessment of Physician Trainees and Advanced Practice Providers Collaborative Practice*. <i>Pediatric Critical Care Medicine</i> , 2016, 17, e430-e436.	0.5	21
40	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, 1172-1179.	0.8	20
41	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, 170-173.	0.8	20
42	Blood Cardioplegia Induction, Perfusion Storage and Graft Dysfunction in Cardiac Xenotransplantation. <i>Frontiers in Immunology</i> , 2021, 12, 667093.	4.8	20
43	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.	2.5	20
44	A Novel Paradigm for Providing Improved Care to Chronic Patients in Cardiac Intensive Care Unit. <i>Congenital Heart Disease</i> , 2012, 7, 403-409.	0.2	17
45	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, 1373-1376.	1.3	17
46	Abdominal Compartment Syndrome in Newborns and Children Supported on Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2012, 58, 143-147.	1.6	16
47	Dimension and overlap of femoral and neck blood vessels in neonates. <i>Pediatric Critical Care Medicine</i> , 2012, 13, 312-317.	0.5	16
48	Neonatal herpes virus infection and extracorporeal life support. <i>Pediatric Critical Care Medicine</i> , 2010, 11, 599-602.	0.5	15
49	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, 832-837.	2.1	15
50	Reduction in paediatric intensive care admissions during COVID-19 lockdown in Maryland, USA. <i>BMJ Paediatrics Open</i> , 2020, 4, e000876.	1.4	15
51	Anaesthetic neurotoxicity in rodents: is the ketamine controversy real?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 96, 1554-1556.	1.5	14
52	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, 546-547.	1.6	13
53	Adrenal Insufficiency in Hemodynamically Unstable Neonates after Open-Heart Surgery. <i>Congenital Heart Disease</i> , 2010, 5, 422-429.	0.2	13
54	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.	1.3	13

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55	Vascular Access and Drug Therapy in Pediatric Resuscitation. <i>Pediatric Clinics of North America</i> , 2008, 55, 909-927.	1.8	12
56	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-e33.	1.6	12
57	Discrepancies Between Autopsy and Clinical Findings Among Patients Requiring Extracorporeal Membrane Oxygenator Support. <i>ASAIO Journal</i> , 2014, 60, 207-210.	1.6	9
58	Application of Nonhuman Primate Models in the Studies of Pediatric Anesthesia Neurotoxicity. <i>Anesthesia and Analgesia</i> , 2022, 134, 1203-1214.	2.2	8
59	Reye's Syndrome: Down but Not Out. <i>Southern Medical Journal</i> , 2003, 96, 43-45.	0.7	7
60	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.	1.9	7
61	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, 06, 188-193.	0.8	6
62	Catheter-Associated Blood Stream Infections in Intracardiac Lines. <i>Journal of Pediatric Intensive Care</i> , 2017, 06, 159-164.	0.8	5
63	Characteristics and outcomes of children with congenital heart disease needing diaphragm plication. <i>Cardiology in the Young</i> , 2020, 30, 62-65.	0.8	5
64	Outcomes of Children With Firearm Injuries Admitted to the PICU in the United States. <i>Pediatric Critical Care Medicine</i> , 2021, Publish Ahead of Print, 944-949.	0.5	5
65	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.	1.0	4
66	Temporal Trends in Use of Sildenafil among Pediatric Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 1269-1271.	5.6	4
67	Risk Factors for Prolonged Mechanical Ventilation for Children on Ventricular Assist Device Support. <i>Annals of Thoracic Surgery</i> , 2015, 99, 1713-1718.	1.3	4
68	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, S125-S132.	2.0	4
69	Fetal Response to Intra-Uterine Needling: Is It Pain? Does It Matter?. <i>Pediatric Research</i> , 2002, 51, 2-2.	2.3	3
70	High-Dose Argatroban for Heparin-Induced Thrombocytopenia in a Child Using a Ventricular Assist Device. <i>Annals of Thoracic Surgery</i> , 2013, 95, e57-e58.	1.3	3
71	Bedside Rounds in Intensive Care Units during the COVID-19 Pandemic and Beyond. <i>Journal of Pediatric Intensive Care</i> , 2021, 10, 210-215.	0.8	3
72	Global research priorities on COVID-19 for maternal, newborn, child and adolescent health. <i>Journal of Global Health</i> , 2021, 11, 04071.	2.7	3

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73	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.	1.9	3
74	679. <i>Critical Care Medicine</i> , 2013, 41, A166-A167.	0.9	2
75	Comparison of Antithrombin III Products in Pediatric Patients Receiving Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2020, 66, 1042-1047.	1.6	2
76	Prematurity and Later Cognitive Outcomesâ€”Reply. <i>JAMA - Journal of the American Medical Association</i> , 2002, 288, 2543.	7.4	1
77	Prematurity and Later Cognitive Outcomes. <i>JAMA - Journal of the American Medical Association</i> , 2002, 288, 2542.	7.4	1
78	Peri-Operative Brain MRI in Children Undergoing Congenital Heart Surgery. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1997-1998.	2.8	1
79	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.	0.8	1
80	397. <i>Critical Care Medicine</i> , 2013, 41, A95.	0.9	0
81	279. <i>Critical Care Medicine</i> , 2013, 41, A64.	0.9	0
82	1399: OUTCOMES OF PEDIATRIC PATIENTS WITH SEPSIS MANAGED ON EXTRACORPOREAL MEMBRANE OXYGENATION. <i>Critical Care Medicine</i> , 2016, 44, 425-425.	0.9	0
83	1493: OUTCOMES OF PATIENTS WITH SEPSIS RELATED TO STAPHALOCOCCUS AUREUS MANAGED WITH ECMO. <i>Critical Care Medicine</i> , 2016, 44, 449-449.	0.9	0
84	392. <i>Critical Care Medicine</i> , 2019, 47, 177.	0.9	0
85	1221. <i>Critical Care Medicine</i> , 2019, 47, 587.	0.9	0
86	Botulism in the Pediatric Intensive Care Units in the United States: Interrogating a National Database. <i>Journal of Pediatric Intensive Care</i> , 2020, 09, 012-015.	0.8	0
87	Post-operative course of pulmonary artery pressure after complete atrioventricular canal defect repair. <i>Cardiology in the Young</i> , 2021, , 1-7.	0.8	0
88	Outcomes of Pediatric Patients With Sepsis Related to Staphylococcus aureus and Methicillin-Resistant Staphylococcus aureus Infections Requiring Extracorporeal Life Support: An ELSO Database Study. <i>Frontiers in Pediatrics</i> , 2021, 9, 706638.	1.9	0
89	Long-term effects of repetitive pain in the neonatal period. , 2005, , 197-210.		0
90	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.	0.9	0