## Pirooz A Eghtesady

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Evolution of Pulmonary Valve Management During Repair of Tetralogy of Fallot: AÂ14-yearÂExperience. Annals of Thoracic Surgery, 2023, 115, 462-469.	1.3	6
2	Evolution of Ventricular Assist Device Support Strategy in Children With Univentricular Physiology. Annals of Thoracic Surgery, 2022, 114, 1739-1744.	1.3	9
3	Variation in Condition-Specific Readmission Rates Across U.S. Children's Hospitals. Academic Pediatrics, 2022, , .	2.0	2
4	Midterm Outcomes of Heart Transplantation in Children With Genetic Disorders. Annals of Thoracic Surgery, 2022, 114, 519-525.	1.3	4
5	Possible Association of Pulmonary Atresia with In-Utero Coxsackievirus B Exposure. Pediatric Cardiology, 2022, 43, 960-968.	1.3	3
6	Pediatric heart-lung transplantation: Technique and special considerations. Journal of Heart and Lung Transplantation, 2022, 41, 271-278.	0.6	2
7	The Association of the Childhood Opportunity Index on Pediatric Readmissions and Emergency Department Revisits. Academic Pediatrics, 2022, 22, 614-621.	2.0	31
8	Congenitally Corrected Transposition Cardiac Surgery: Society of Thoracic Surgeons Database Analysis. Annals of Thoracic Surgery, 2022, 114, 1715-1722.	1.3	5
9	Limits of Fontan Procedure. Annals of Thoracic Surgery, 2022, 114, 2336-2337.	1.3	0
10	Management Options for Congenitally Corrected Transposition: Which, When, and for Whom?. Pediatric Cardiac Surgery Annual, 2022, 25, 38-47.	1.2	0
11	Technique for Neo-Pulmonary Valve Creation With Living Tissue for Repair of Atrioventricular Septal Defect and Tetralogy of Fallot. World Journal for Pediatric & Congenital Heart Surgery, 2022, 13, 499-502.	0.8	1
12	Surgical considerations in infant lung transplantation: Challenges and opportunities. American Journal of Transplantation, 2021, 21, 15-20.	4.7	8
13	Midterm outcomes of the Potts shunt for pediatric pulmonary hypertension, with comparison to lung transplant. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 1139-1148.	0.8	24
14	Improved Outcomes of Infant Lung Transplantation Over Three Decades. Annals of Thoracic Surgery, 2021, , .	1.3	2
15	Tricuspid annulus cinching force under pulmonary hypertensive right ventricle conditions: An ex vivo study. Journal of Biomechanics, 2021, 123, 110488.	2.1	0
16	Improvement in exercise capacity after a modified Potts shunt in an adult patient with pulmonary arterial hypertension. ERJ Open Research, 2021, 7, 00287-2021.	2.6	1
17	Commentary: Do not try this at home. JTCVS Techniques, 2021, 10, 456-457.	0.4	0
18	Coxsackievirus B3 Infection Early in Pregnancy Induces Congenital Heart Defects Through Suppression of Fetal Cardiomyocyte Proliferation, Journal of the American Heart Association, 2021, 10, e017995.	3.7	13

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19	Loss of Consciousness in the Young Child. Pediatric Cardiology, 2021, 42, 234-254.	1.3	8
20	Infant En Bloc Lung Transplantation. Operative Techniques in Thoracic and Cardiovascular Surgery, 2021, 26, 118-131.	0.3	1
21	Role of coxsackieâ€adenovirus receptor in cardiac development and pathogenesis of congenital heart disease. Birth Defects Research, 2021, 113, 535-545.	1.5	4
22	Monitoring and evaluation of the surgical Potts shunt physiology using 4-dimensional flow magnetic resonance imaging. Journal of Thoracic and Cardiovascular Surgery, 2021, , .	0.8	2
23	Surgical Interventions During End-of-Life Hospitalizations in Children's Hospitals. Pediatrics, 2021, 148, .	2.1	3
24	Invited Commentary. Annals of Thoracic Surgery, 2020, 109, 1494-1495.	1.3	0
25	Commentary: Useful little trick. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, e83-e84.	0.8	Ο
26	Intracorporeal Biventricular Assist Devices Using the Heartware Ventricular Assist Device in Children. ASAIO Journal, 2020, 66, 1031-1034.	1.6	6
27	Hospital Observation Status and Readmission Rates. Pediatrics, 2020, 146, .	2.1	13
28	Does Ascending Aorta Size Affect Norwood Outcomes in Hypoplastic LeftÂHeart With Aortic Atresia?. Annals of Thoracic Surgery, 2020, 110, 1651-1658.	1.3	8
29	Symptom persistence after vascular ring repair in children. Journal of Pediatric Surgery, 2020, 55, 2317-2321.	1.6	16
30	3D printing for preoperative planning and surgical simulation of ventricular assist device implantation in a failing systemic right ventricle. Journal of Cardiovascular Computed Tomography, 2020, 14, e172-e174.	1.3	12
31	Maternal Gut Virome in Pregestational Diabetes—Possible Cause of Congenital Heart Disease?. Open Forum Infectious Diseases, 2020, 7, ofaa013.	0.9	2
32	Commentary: Living related lung transplantation in children. JTCVS Techniques, 2020, 3, 315-316.	0.4	0
33	Commentary: Stem cell therapy for single-ventricle congenital heart disease: Exciting, but a long way to go. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 851-852.	0.8	Ο
34	Intervention for arch obstruction after the Norwood procedure: Prevalence, associated factors, and practice variability. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 684-695.e8.	0.8	29
35	3D Printing Provides a Precise Approach in the Treatment of Tetralogy of Fallot, Pulmonary Atresia with Major Aortopulmonary Collateral Arteries. Current Treatment Options in Cardiovascular Medicine, 2018, 20, 5.	0.9	23
36	ISHLT Consensus Statement on adult and pediatric airway complications after lung transplantation: Definitions, grading system, and therapeutics. Journal of Heart and Lung Transplantation, 2018, 37, 548-563.	0.6	123

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37	Infants with Atypical Presentations of Alveolar Capillary Dysplasia with Misalignment of the Pulmonary Veins Who Underwent Bilateral Lung Transplantation. Journal of Pediatrics, 2018, 194, 158-164.e1.	1.8	48
38	Early stroke post–heart transplant is associated with decreased survival in children. Journal of Heart and Lung Transplantation, 2018, 37, 733-739.	0.6	6
39	State of the Art in Pediatric Lung Transplantation. Seminars in Thoracic and Cardiovascular Surgery, 2018, 30, 166-174.	0.6	20
40	Outcomes following implantation of mechanical circulatory support in adults with congenital heart disease: An analysis of the Interagency Registry for Mechanically Assisted Circulatory Support (INTERMACS). Journal of Heart and Lung Transplantation, 2018, 37, 89-99.	0.6	105
41	Second annual Pediatric Interagency Registry for Mechanical Circulatory Support (Pedimacs) report: Pre-implant characteristics and outcomes. Journal of Heart and Lung Transplantation, 2018, 37, 38-45.	0.6	118
42	Infectious complications of ventricular assist device use in children in the United States: Data from the Pediatric Interagency Registry for Mechanical Circulatory Support (Pedimacs). Journal of Heart and Lung Transplantation, 2018, 37, 46-53.	0.6	23
43	Outcomes of children supported with devices labeled as "temporary―or short term: A report from the Pediatric Interagency Registry for Mechanical Circulatory Support. Journal of Heart and Lung Transplantation, 2018, 37, 54-60.	0.6	67
44	Intraventricular Hemorrhage in Moderate to Severe Congenital Heart Disease. Pediatric Critical Care Medicine, 2018, 19, 56-63.	0.5	14
45	An overview of mechanical circulatory support in single-ventricle patients. Translational Pediatrics, 2018, 7, 151-161.	1.2	33
46	Potts Shunt Improves Right Ventricular Function and Coupling With Pulmonary Circulation in Children With Suprasystemic Pulmonary Arterial Hypertension. Circulation: Cardiovascular Imaging, 2018, 11, e007964.	2.6	40
47	Prenatal to postnatal trajectory of brain growth in complex congenital heart disease. NeuroImage: Clinical, 2018, 20, 913-922.	2.7	36
48	A novel, data-driven conceptualization for critical left heart obstruction. Computer Methods and Programs in Biomedicine, 2018, 165, 107-116.	4.7	14
49	Impact of pregnancy on autograft dilatation and aortic valve function following the Ross procedure. Congenital Heart Disease, 2018, 13, 217-221.	0.2	3
50	3D Printing is a Transformative Technology in Congenital Heart Disease. JACC Basic To Translational Science, 2018, 3, 294-312.	4.1	76
51	Improved waitlist and transplant outcomes for pediatric lung transplantation after implementation of the lung allocation score. Journal of Heart and Lung Transplantation, 2017, 36, 520-528.	0.6	37
52	Children $\hat{a} \in \mathbb{M}$ s Hospital Characteristics and Readmission Metrics. Pediatrics, 2017, 139, .	2.1	40
53	Outcomes of Lung Transplantation for Infants and Children with Genetic Disorders of Surfactant Metabolism. Journal of Pediatrics, 2017, 184, 157-164.e2.	1.8	66
54	ECMO for Pediatric Lung Transplantation. ASAIO Journal, 2017, 63, e77-e80.	1.6	10

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55	Invited Commentary. Annals of Thoracic Surgery, 2017, 104, 696-697.	1.3	1
56	Outcomes and Trends of Ventricular Assist Device Selection in Children with End-Stage Heart Failure. ASAIO Journal, 2017, 63, 464-469.	1.6	8
57	3D Printing in Complex Congenital HeartÂDisease. JACC: Cardiovascular Imaging, 2017, 10, 953-956.	5.3	60
58	Familial Screening for Left-Sided Congenital Heart Disease: What Is the Evidence? What Is the Cost?. Diseases (Basel, Switzerland), 2017, 5, 29.	2.5	2
59	Incidence of Platelet Dysfunction by Thromboelastography–Platelet Mapping in Children Supported with ECMO: A Pilot Retrospective Study. Frontiers in Pediatrics, 2016, 3, 116.	1.9	59
60	Recommendations for utilization of the paracorporeal lung assist device in neonates and young children with pulmonary hypertension. Pediatric Transplantation, 2016, 20, 256-270.	1.0	12
61	Improved survival after heart transplant for failed Fontan patients with preserved ventricular function. Journal of Heart and Lung Transplantation, 2016, 35, 877-883.	0.6	51
62	Mechanical Circulatory Support Following Norwood Palliation. Operative Techniques in Thoracic and Cardiovascular Surgery, 2016, 21, 330-338.	0.3	5
63	The myocardial and coronary histopathology and pathogenesis of hypoplastic left heart syndrome. Cardiology in the Young, 2016, 26, 19-29.	0.8	17
64	Pulmonary Valve Replacement With Small Intestine Submucosa-Extracellular Matrix in a Porcine Model. World Journal for Pediatric & Congenital Heart Surgery, 2016, 7, 475-483.	0.8	13
65	Outcomes of children implanted with ventricular assist devices in the United States: First analysis of the Pediatric Interagency Registry for Mechanical Circulatory Support (PediMACS). Journal of Heart and Lung Transplantation, 2016, 35, 578-584.	0.6	151
66	Potts Shunt and Pediatric Pulmonary Hypertension: What We Have Learned. Annals of Thoracic Surgery, 2016, 101, 1539-1543.	1.3	49
67	Fallot: Palliation with BT Shunt. , 2016, , 189-201.		Ο
68	Pediatric Quality of Life while Supported with a Ventricular Assist Device. Congenital Heart Disease, 2015, 10, E189-E196.	0.2	21
69	Early Biventricular Assist Device Use in Children. ASAIO Journal, 2015, 61, 688-694.	1.6	21
70	Application of the Aviation Black Box Principle in Pediatric Cardiac Surgery: Tracking All Failures in the Pediatric Cardiac Operating Room. Journal of the American College of Surgeons, 2015, 220, 149-155e3.	0.5	13
71	Current approaches to device implantation in pediatric and congenital heart disease patients. Expert Review of Cardiovascular Therapy, 2015, 13, 417-427.	1.5	10
72	Primary pulmonary vein stenosis: Can we expect different results?. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 188-189.	0.8	2

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73	Rates and Impact of Potentially Preventable Readmissions at Children's Hospitals. Journal of Pediatrics, 2015, 166, 613-619.e5.	1.8	89
74	Improved outcomes with peritoneal dialysis catheter placement after cardiopulmonary bypass in infants. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 230-236.	0.8	90
75	Maternalβ-Hemolytic Streptococcal Pharyngeal Exposure and Colonization in Pregnancy. Infectious Diseases in Obstetrics and Gynecology, 2014, 2014, 1-6.	1.5	1
76	Ventricular assist device use in congenital heart disease with a comparison to heart transplant. Journal of Comparative Effectiveness Research, 2014, 3, 533-546.	1.4	21
77	Two deletions overlapping a distant <i>FOXF1</i> enhancer unravel the role of IncRNA <i>LINC01081</i> in etiology of alveolar capillary dysplasia with misalignment of pulmonary veins. American Journal of Medical Genetics, Part A, 2014, 164, 2013-2019.	1.2	46
78	The Surgical Prebrief as Part of a Five-Point Comprehensive Approach to Improving Pediatric Cardiac Surgical Team Communication. World Journal for Pediatric & Congenital Heart Surgery, 2014, 5, 640-642.	0.8	3
79	Liver cirrhosis in Fontan patients does not affect 1-year post-heart transplant mortality or markers of liver function. Journal of Heart and Lung Transplantation, 2014, 33, 170-177.	0.6	92
80	Anomalous Aortic Origin of a Coronary Artery. World Journal for Pediatric & Congenital Heart Surgery, 2014, 5, 22-30.	0.8	91
81	Congenital Heart Disease Linked to Maternal Autoimmunity against Cardiac Myosin. Journal of Immunology, 2014, 192, 4074-4082.	0.8	11
82	Prime oxygen concentration has no effect on placental vascular resistance for fetal cardiac bypass. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1107-1108.	0.8	1
83	Defining the best practice patterns for the neonatal systemic-to-pulmonary artery shunt procedure. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 869-873.e3.	0.8	14
84	Paracorporeal lung assist devices as a bridge to recovery or lung transplantation in neonates and young children. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 420-427.	0.8	72
85	Paracorporeal lung assist device: An innovative surgical strategy for bridging to lung transplant in an infant with severe pulmonary hypertension caused by alveolar capillary dysplasia. Journal of Thoracic and Cardiovascular Surgery, 2013, 146, e42-e43.	0.8	17
86	Neonatal Paracorporeal Lung Assist Device for Respiratory Failure. Annals of Thoracic Surgery, 2013, 95, 692-694.	1.3	18
87	Association of Pulmonary Conduit Type and Size With Durability in Infants and Young Children. Annals of Thoracic Surgery, 2013, 96, 1695-1702.	1.3	96
88	Prioritizing quality improvement in pediatric cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 631-640.	0.8	8
89	Patient Safety in the Cardiac Operating Room: Human Factors and Teamwork. Circulation, 2013, 128, 1139-1169.	1.6	244
90	Post-transplant Outcomes of Children Bridged to Transplant With the Berlin Heart EXCOR Pediatric Ventricular Assist Device. Circulation, 2013, 128, S24-31.	1.6	62

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91	Ventricular pacing threshold after transthoracic external defibrillation with two different waveforms: an experimental study. Europace, 2013, 15, 297-302.	1.7	0
92	Anesthetic Techniques for Fetal Surgery. Anesthesiology, 2013, 118, 796-808.	2.5	100
93	Abstract 520: Elastic Fiber Fragmentation and Aberrant Angiogenesis Precede Inflammation in Early-Onset Aortic Valve Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, .	2.4	0
94	Use of modified ultrafiltration in adults undergoing coronary artery bypass grafting is associated with inflammatory modulation and less postoperative blood loss: A randomized and controlled study. Journal of Thoracic and Cardiovascular Surgery, 2012, 144, 663-670.	0.8	37
95	Cause, timing, and location of death in the Single Ventricle Reconstruction trial. Journal of Thoracic and Cardiovascular Surgery, 2012, 144, 907-914.	0.8	115
96	Interstage mortality after the Norwood procedure: Results of the multicenter Single Ventricle Reconstruction trial. Journal of Thoracic and Cardiovascular Surgery, 2012, 144, 896-906.	0.8	317
97	Application of Near-Infrared Spectroscopy During Fetal Cardiac Surgery. Journal of Surgical Research, 2011, 171, 159-163.	1.6	11
98	Fetal surgical management of congenital heart block in a hydropic fetus: Lessons learned from a clinical experience. Journal of Thoracic and Cardiovascular Surgery, 2011, 141, 835-837.	0.8	15
99	Seasonality of hypoplastic left heart syndrome in the United States: A 10-year time–series analysis. Journal of Thoracic and Cardiovascular Surgery, 2011, 141, 432-438.	0.8	16
100	Myocardial function after fetal cardiac bypass in an ovine model. Journal of Thoracic and Cardiovascular Surgery, 2011, 141, 961-968.e1.	0.8	8
101	Low Weight-for-Age Z-Score and Infection Risk After the Fontan Procedure. Annals of Thoracic Surgery, 2011, 91, 1460-1466.	1.3	67
102	Risk Factors for Mortality and Morbidity After the Neonatal Blalock-Taussig Shunt Procedure. Annals of Thoracic Surgery, 2011, 92, 642-652.	1.3	221
103	Extracorporeal Membrane Oxygenation, Extubation, and Lung-Recruitment Maneuvers as Rescue Therapy in a Patient With Tracheal Dehiscence Following Slide Tracheoplasty. Respiratory Care, 2011, 56, 1198-1202.	1.6	16
104	Changes in fetal ovine metabolism and oxygen delivery with fetal bypass. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R105-R115.	1.8	4
105	Predictors of Poor Weight Gain in Infants with a Single Ventricle. Journal of Pediatrics, 2010, 157, 407-413.e1.	1.8	51
106	Outcomes of the bidirectional Glenn procedure in patients less than 3 months of age. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 562-568.	0.8	52
107	Fetal Right Ventricular Myocardial Function Is Better Preserved by Fibrillatory Arrest During Fetal Cardiac Bypass. Annals of Thoracic Surgery, 2010, 90, 1324-1331.	1.3	9
108	Dynamic fluid shifts induced by fetal bypass. Journal of Thoracic and Cardiovascular Surgery, 2009, 137, 714-722.	0.8	12

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109	Lower weight-for-age z score adversely affects hospital length of stay after the bidirectional Glenn procedure in 100 infants with a single ventricle. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 397-404.e1.	0.8	165
110	Role of Natriuretic Peptides in cGMP Production in Fetal Cardiac Bypass. Annals of Thoracic Surgery, 2009, 87, 841-847.	1.3	6
111	Factors Affecting Long-Term Risk of Aortic Arch Recoarctation After the Norwood Procedure. Annals of Thoracic Surgery, 2008, 85, 1397-1402.	1.3	45
112	Fetal Stress Response to Fetal Cardiac Surgery. Annals of Thoracic Surgery, 2008, 85, 1719-1727.	1.3	21
113	A Simple Solution is "Prime―for Fetal Cardiopulmonary Bypass. ASAIO Journal, 2007, 53, 710-715.	1.6	9
114	Revisiting Animal Models of Aortic Stenosis in the Early Gestation Fetus. Annals of Thoracic Surgery, 2007, 83, 631-639.	1.3	26
115	Role of Nitric Oxide Pathway in Placental Dysfunction Following Fetal Bypass. Annals of Thoracic Surgery, 2007, 84, 917-925.	1.3	15
116	Infant arch reconstruction during total system perfusion. Journal of Thoracic and Cardiovascular Surgery, 2007, 133, 1096-1098.	0.8	0
117	Fetal aortic stenosis and changes in amniotic fluid natriuretic peptides. American Journal of Obstetrics and Gynecology, 2007, 196, 253.e1-253.e6.	1.3	6
118	Maternal-Fetal Interactions in Fetal Cardiac Surgery. Annals of Thoracic Surgery, 2006, 81, 249-256.	1.3	17
119	Hypoplastic left heart syndrome: Rheumatic heart disease of the fetus?. Medical Hypotheses, 2006, 66, 554-565.	1.5	13
120	Cardiopulmonary bypass in the immature fetus through novel use of a mini-centrifugal pump. Perfusion (United Kingdom), 2006, 21, 185-191.	1.0	9
121	Vacuum-Assisted Venous Drainage during Fetal Cardiopulmonary Bypass. ASAIO Journal, 2005, 51, 644-648.	1.6	44
122	Harmful effects of fentanyl on the fetus and placenta?. American Journal of Obstetrics and Gynecology, 2005, 193, 303-304.	1.3	7
123	Studies of fetal cardiac bypass. Journal of Thoracic and Cardiovascular Surgery, 2005, 129, 235-236.	0.8	2
124	Heparin-Induced Thrombocytopenia Complicating Support by the Berlin Heart. ASAIO Journal, 2005, 51, 820-825.	1.6	20
125	Use of a ventricular assist device in a single-ventricle patient. Texas Heart Institute Journal, 2005, 32, 618; author reply 618-9.	0.3	2
126	Vacuum-assisted venous drainage during fetal cardiopulmonary bypass. ASAIO Journal, 2005, 51, 644-8.	1.6	11

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127	Posterior Aortic Annular Enlargement for Mechanical Aortic Valve Replacement. Operative Techniques in Thoracic and Cardiovascular Surgery, 2002, 7, 181-187.	0.3	5
128	The Cost-Benefit of a Randomized Trial to a Health Care Organization. Contemporary Clinical Trials, 1998, 19, 198-211.	1.9	42
129	Congenital diaphragmatic hernia associated with aortic coarctation. Journal of Pediatric Surgery, 1998, 33, 943-945.	1.6	10
130	Expression of the thymus leukemia antigen in mouse intestinal epithelium Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 9727-9731.	7.1	155