

Christopher W Baird

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/561/publications.pdf>

Version: 2024-02-01

106
papers

2,112
citations

257450

24
h-index

289244

40
g-index

106
all docs

106
docs citations

106
times ranked

1858
citing authors

#	ARTICLE	IF	CITATIONS
1	Surgical Valve Choices for Pulmonary Valve Replacement. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2023, 35, 94-104.	0.6	2
2	Long-term outcomes of truncus arteriosus repair: A modulated renewal competing risks analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 224-236.e6.	0.8	21
3	The Association of Age and Repair Modification with Outcome after Cone Repair for Ebstein's Malformation. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, 34, 205-212.	0.6	7
4	Time-Related Risk of Pulmonary Conduit Re-replacement: A Congenital Heart Surgeonsâ€™ Society Study. <i>Annals of Thoracic Surgery</i> , 2022, 113, 623-629.	1.3	10
5	Bronchomalacia in Right Aortic Arch Treated With Descending Aortic Translocation and Airway Splint. <i>Annals of Thoracic Surgery</i> , 2022, 113, e187-e189.	1.3	1
6	Pulmonary vein stenosis: Anatomic considerations, surgical management, and outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 2198-2207.e3.	0.8	13
7	Single-Leaflet Aortic Valve Reconstruction Utilizing the Ozaki Technique in Patients With Congenital Aortic Valve Disease. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, 34, 1262-1272.	0.6	8
8	Preliminary Results With a Novel Expanded Polytetrafluoroethylene-based Pulmonary Valved Conduit. <i>Annals of Thoracic Surgery</i> , 2022, 114, 2314-2321.	1.3	4
9	Reoperation to correct unsuccessful vascular ring and vascular decompression surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 199-207.	0.8	5
10	Tricuspid valve repair concomitant with the Norwood operation among babies with hypoplastic left heart syndrome. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, , .	1.4	5
11	Intraoperative conduction mapping in complex congenital heart surgery. <i>JTCVS Techniques</i> , 2022, 12, 159-163.	0.4	7
12	Unreparable Infant Mitral Valve: An Unexpected Case of Decompensated Heart Failure. <i>Circulation</i> , 2022, 145, 1175-1178.	1.6	0
13	Standardized Aortic Valve Neocuspidization for Treatment of Aortic Valve Diseases. <i>Annals of Thoracic Surgery</i> , 2022, 114, 1108-1117.	1.3	8
14	Pulmonary Valve Reconstruction Using the Ozaki Leaflet Reconstructive Techniques. <i>Annals of Thoracic Surgery</i> , 2021, 111, e19-e21.	1.3	6
15	Congenital aortic and truncal valve reconstruction using the Ozaki technique: Short-term clinical results. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 1567-1577.	0.8	57
16	Preoperative Factors That Predict Recurrence After Repair of Discrete Subaortic Stenosis. <i>Annals of Thoracic Surgery</i> , 2021, 111, 1613-1619.	1.3	9
17	Experience and Outcomes of Surgically Implanted Melody Valve in the Pulmonary Position. <i>Annals of Thoracic Surgery</i> , 2021, 111, 966-972.	1.3	4
18	Revisiting prosthesis choice in mitral valve replacement in children: Durable alternatives to traditional bioprostheses. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 213-225.e3.	0.8	18

#	ARTICLE	IF	CITATIONS
19	Reintervention rates after bioprosthetic pulmonary valve replacement in patients younger than 30 years of age: A multicenter analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 345-362.e2.	0.8	22
20	Management of Complex Left Ventricular Outflow Tract Obstruction: A Comparison of Konno and Modified Konno Techniques. <i>Pediatric Cardiology</i> , 2021, 42, 614-627.	1.3	2
21	Primary pulmonary vein stenosis during infancy: state of the art review. <i>Journal of Perinatology</i> , 2021, 41, 1528-1539.	2.0	17
22	Super Glenn for staged biventricular repair: impact on left ventricular growth?. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 534-541.	1.4	11
23	Neonates with Right Aortic Arch Requiring Arch Reconstruction: A Single-Institution Experience. <i>Annals of Thoracic Surgery</i> , 2021, , .	1.3	1
24	Alternative Uses of the Ozaki Technique: Aortic Valved Conduit in a Bentall Operation and Right Ventricle-to-Pulmonary Artery Conduit. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2021, 12, 406-410.	0.8	2
25	Aortic Valve Surgery After Neonatal Balloon Aortic Valvuloplasty in Congenital Aortic Stenosis. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e009933.	3.9	5
26	Management of Congenitally Corrected Transposition of the Great Arteries With Intact Ventricular Septum: Anatomic Repair or Palliative Treatment?. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e010154.	3.9	11
27	Porcine and bovine aortic valve comparison for surgical optimization: A fluid-structure interaction modeling study. <i>International Journal of Cardiology</i> , 2021, 334, 88-95.	1.7	3
28	Aortic elongation and bronchial splint for late bronchial complication after neonatal arch reconstruction. <i>JTCVS Techniques</i> , 2021, 8, 126-128.	0.4	2
29	Experience with bioresorbable splints for treatment of airway collapse in a pediatric population. <i>JTCVS Techniques</i> , 2021, 8, 160-169.	0.4	8
30	The Role of Elevated Wall Shear Stress in Progression of Pulmonary Vein Stenosis: Evidence from Two Case Studies. <i>Children</i> , 2021, 8, 729.	1.5	5
31	Infrastructure Availability for the Care of Congenital Heart Disease Patients and Its Influence on Case Volume, Complexity and Access Among Healthcare Institutions in 17 Middle-Income Countries. <i>Global Heart</i> , 2021, 16, 75.	2.3	6
32	A term neonate with cyanosis with crying. <i>Breathe</i> , 2021, 17, 210097.	1.3	0
33	Do patients with anomalous origin of the left coronary artery benefit from an early repair of the mitral valve?. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 72-77.	1.4	9
34	Innovative management of severe tracheobronchomalacia using anterior and posterior tracheobronchopexy. <i>Laryngoscope</i> , 2020, 130, E65-E74.	2.0	20
35	Great vessel anomalies and their impact on the surgical treatment of tracheobronchomalacia. <i>Journal of Pediatric Surgery</i> , 2020, 55, 1302-1308.	1.6	10
36	Repair of double outlet right ventricle: Midterm outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 254-264.	0.8	23

#	ARTICLE	IF	CITATIONS
37	Aortic valve neo-cuspidation using the Ozaki technique for acquired and congenital disease: where does this procedure currently stand?. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 36, 113-122.	0.6	21
38	Fontan with lateral tunnel is associated with improved survival compared with extracardiac conduit. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1480-1491.e2.	0.8	23
39	Initial experience introducing an enhanced recovery program in congenital cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 1313-1321.e5.	0.8	34
40	Intraoperative Recurrent Laryngeal Nerve Monitoring During Pediatric Cardiac and Thoracic Surgery: A Mini Review. <i>Frontiers in Pediatrics</i> , 2020, 8, 587177.	1.9	12
41	Aortic uncrossing and tracheobronchopexy corrects tracheal compression and tracheobronchomalacia associated with circumflex aortic arch. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 796-804.	0.8	26
42	Intraoperative Coronary Artery Imaging for Planning. <i>Pediatric Cardiac Surgery Annual</i> , 2020, 23, 11-16.	1.2	6
43	When to consider a posterolateral descending aortopexy in addition to a posterior tracheopexy for the surgical treatment of symptomatic tracheobronchomalacia. <i>Journal of Pediatric Surgery</i> , 2020, 55, 2682-2689.	1.6	6
44	Modified Ozaki Procedure Including Annular Enlargement for Small Aortic Annuli in Young Patients. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1364-1371.	1.3	15
45	Scimitar syndrome: A new multipatch technique and incidence of postoperative pulmonary vein obstruction. <i>JTCVS Techniques</i> , 2020, 4, 208-216.	0.4	7
46	Tracheobronchomalacia, Tracheobronchial Compression, and Tracheobronchial Malformations: Diagnostic and Treatment Strategies. <i>Pediatric Cardiac Surgery Annual</i> , 2020, 23, 53-61.	1.2	9
47	Hybrid approach to neonatal repair of large symptomatic congenital coronary artery fistula. <i>JTCVS Techniques</i> , 2020, 3, 295-297.	0.4	2
48	Long-term Surgical Prognosis of Primary Supravalvular Aortic Stenosis Repair. <i>Annals of Thoracic Surgery</i> , 2019, 108, 1202-1209.	1.3	21
49	Mechanical Properties of Autologous Pericardium Change With Fixation Time: Implications for Valve Reconstruction. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 852-854.	0.6	12
50	Outcomes after mechanical aortic valve replacement in children and young adults with congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 329-340.	0.8	40
51	Pathology of valved venous homografts used as right ventricle-to-pulmonary artery conduits in congenital heart disease surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 342-350.e3.	0.8	8
52	Type B Interrupted Right Aortic Arch: Diagnostic and Surgical Approaches. <i>Annals of Thoracic Surgery</i> , 2019, 107, e41-e43.	1.3	3
53	Descending Aortopexy and Posterior Tracheopexy for Severe Tracheomalacia and Left Mainstem Bronchomalacia. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 479-485.	0.6	30
54	Dehiscence of patch augmentation of a left-sided atrioventricular valve related to strenuous isometric exercise: Case report and failure analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, e165-e168.	0.8	2

#	ARTICLE	IF	CITATIONS
55	Right ventricular outflow tract reintervention after primary tetralogy of Fallot repair in neonates and young infants. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 726-734.	0.8	24
56	Morphologic and histologic findings in bioprosthetic valves explanted from the mitral position in children younger than 5 years of age. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 746-752.	0.8	13
57	Measurement of Dead Space Fraction Upon ICU Admission Predicts Length of Stay and Clinical Outcomes Following Bidirectional Cavopulmonary Anastomosis*. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 23-31.	0.5	12
58	Valve-sparing repair with intraoperative balloon dilation in tetralogy of Fallot: Midterm results and therapeutic implications. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1163-1173.e4.	0.8	46
59	Impact of a Composite Valved RV-PA Graft After Stage 1 Palliation. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1452-1459.	1.3	8
60	Physiologic effects of delayed sternal closure following stage 1 palliation. <i>Cardiology in the Young</i> , 2018, 28, 1393-1403.	0.8	5
61	Surgical Considerations in Interrupted Aortic Arch. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2018, 22, 278-284.	1.0	18
62	Pulmonary atresia with ventricular septal defect and major aortopulmonary collaterals: collateral vessel disease burden and unifocalisation strategies. <i>Cardiology in the Young</i> , 2018, 28, 1091-1098.	0.8	9
63	Photo-oxidized bovine pericardium in congenital cardiac surgery: single-centre experience. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 24, ivw315.	1.1	25
64	Truncus arteriosus versus tetralogy of Fallot with pulmonary atresia. <i>Cardiology in the Young</i> , 2017, 27, 801-803.	0.8	0
65	Hemodynamic parameters predict adverse outcomes following biventricular conversion with single-ventricle palliation takedown. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 572-582.	0.8	33
66	Augmentation of Bridging Leaflets in Repair of Atrioventricular Canal Defects. <i>Annals of Thoracic Surgery</i> , 2017, 104, e101-e103.	1.3	4
67	Posterior tracheopexy for severe tracheomalacia. <i>Journal of Pediatric Surgery</i> , 2017, 52, 951-955.	1.6	60
68	Outcomes following thoracotomy or thoracoscopic vascular ring division in children and young adults. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 607-615.	0.8	26
69	Cardioscopically Guided Beating Heart Surgery: Paravalvular Leak Repair. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1074-1079.	1.3	5
70	A low-cost bioprosthetic semilunar valve for research, disease modelling and surgical training applications. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 25, 785-792.	1.1	5
71	Posterior Tracheopexy for Severe Tracheomalacia Associated with Esophageal Atresia (EA): Primary Treatment at the Time of Initial EA Repair versus Secondary Treatment. <i>Frontiers in Surgery</i> , 2017, 4, 80.	1.4	31
72	Mechanism of valve failure and efficacy of reintervention through catheterization in patients with bioprosthetic valves in the pulmonary position. <i>Annals of Pediatric Cardiology</i> , 2017, 10, 11-17.	0.5	11

#	ARTICLE	IF	CITATIONS
73	Direct Tracheobronchopexy and Posterior Descending Aortopexy for Severe Left Mainstem Bronchomalacia Associated With Congenital Pulmonary Airway Malformation and Left Circumflex Aortic Arch. <i>Annals of Thoracic Surgery</i> , 2016, 102, e1-e4.	1.3	6
74	Phosphodiesterase Inhibitor-Based Vasodilation Improves Oxygen Delivery and Clinical Outcomes Following Stage 1 Palliation. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	21
75	Outcome and performance of bioprosthetic pulmonary valve replacement in patients with congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 1333-1342.e3.	0.8	60
76	Surgical Treatment of Tracheobronchomalacia: A novel approach. <i>Paediatric Respiratory Reviews</i> , 2016, 19, 16-20.	1.8	30
77	Histology of Pericardial Tissue Substitutes Used in Congenital Heart Surgery. <i>Pediatric and Developmental Pathology</i> , 2016, 19, 383-388.	1.0	10
78	Jejunal Interposition after Failed Esophageal Atresia Repair. <i>Journal of the American College of Surgeons</i> , 2016, 222, 1001-1008.	0.5	20
79	Outcomes and Short-Term Follow-Up in Complex Ross Operations in Pediatric Patients Undergoing Damus-Kaye-Stansel Takedown. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2016, 28, 81-89.	0.6	7
80	Laparoscopic Gastrojejunostomy Tube Placement in Infants with Congenital Cardiac Disease. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2015, 25, 1047-1050.	1.0	12
81	Neonatal Mitral Valve Repair in Biventricular Repair, Single Ventricle Palliation, and Secondary Left Ventricular Recruitment: Indications, Techniques, and Mid-Term Outcomes. <i>Frontiers in Surgery</i> , 2015, 2, 59.	1.4	11
82	Expandable Valve for Pediatric Application Constructed From Human Venous Valved Conduit Within a Stent. <i>Annals of Thoracic Surgery</i> , 2015, 100, 2320-2324.	1.3	5
83	Direct tracheobronchopexy to correct airway collapse due to severe tracheobronchomalacia: Short-term outcomes in a series of 20 patients. <i>Journal of Pediatric Surgery</i> , 2015, 50, 972-977.	1.6	56
84	A reinforced right-ventricle-to-pulmonary-artery conduit for the stage-1 Norwood procedure improves pulmonary artery growth. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 1502-1508.e1.	0.8	28
85	Review of Congenital Mitral Valve Stenosis: Analysis, Repair Techniques and Outcomes. <i>Cardiovascular Engineering and Technology</i> , 2015, 6, 167-173.	1.6	19
86	Transposition of the great arteries and sinus venosus defect with partially anomalous pulmonary venous return: physiological and anatomic considerations. <i>Cardiology in the Young</i> , 2015, 25, 787-789.	0.8	1
87	Outcomes of surgery for young children with multivessel pulmonary vein stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 911-917.	0.8	56
88	Aortic root translocation (Nikaidoh procedure): Intermediate follow-up and impact of conduit type. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 1349-1355.	0.8	34
89	Technical Performance Score as Predictor for Post-discharge Reintervention in Valve-Sparing Tetralogy of Fallot Repair. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2014, 26, 297-303.	0.6	28
90	Valve-sparing aortic root replacement and remodeling with complex aortic valve reconstruction in children and young adults with moderate or severe aortic regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1768-1776.	0.8	15

#	ARTICLE	IF	CITATIONS
91	Technical Performance Scores are strongly associated with early mortality, postoperative adverse events, and intensive care unit length of stay—analysis of consecutive discharges for 2 years. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 389-396.e3.	0.8	60
92	Takedown of cavopulmonary shunt at biventricular repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1506-1511.	0.8	15
93	Tricuspid regurgitation or Ebsteinoid dysplasia of the tricuspid valve in congenitally corrected transposition: Is valvuloplasty necessary at anatomic repair?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 576-580.	0.8	20
94	Accelerated Degeneration of a Bovine Pericardial Bioprosthetic Aortic Valve in Children and Young Adults. <i>Circulation</i> , 2014, 130, 51-60.	1.6	131
95	Aspirin unresponsiveness predicts thrombosis in high-risk pediatric patients after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 810-816.	0.8	44
96	Mechanisms of tricuspid regurgitation in patients with hypoplastic left heart syndrome undergoing tricuspid valvuloplasty. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 832-840.	0.8	47
97	Preliminary experience with porcine intestinal submucosa (CorMatrix) for valve reconstruction in congenital heart disease: Histologic evaluation of explanted valves. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2216-2225.e1.	0.8	101
98	Biventricular Repair in Patients with a Borderline Left Heart. , 2014, , 1765-1785.		2
99	Surgical repair of truncal valve regurgitation. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 813-820.	1.4	38
100	Mitral valve operations at a high-volume pediatric heart center: Evolving techniques and improved survival with mitral valve repair versus replacement. <i>Annals of Pediatric Cardiology</i> , 2012, 5, 13.	0.5	33
101	Right atrial hemangioma in the newborn: Utility of fetal imaging. <i>Annals of Pediatric Cardiology</i> , 2012, 5, 81.	0.5	6
102	Aortic Valve Reconstruction in the Young Infants and Children. <i>Pediatric Cardiac Surgery Annual</i> , 2012, 15, 9-19.	1.2	23
103	Takedown of cavopulmonary (Glenn) shunt: A technique using a right atrial flap. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 747-749.	0.8	4
104	Younger age and valve oversizing are predictors of structural valve deterioration after pulmonary valve replacement in patients with tetralogy of Fallot. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 352-360.	0.8	79
105	Complex Aortic Valve Disease in Children. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2009, 14, 253-263.	0.3	5
106	Anticoagulation and Pediatric Extracorporeal Membrane Oxygenation: Impact of Activated Clotting Time and Heparin Dose on Survival. <i>Annals of Thoracic Surgery</i> , 2007, 83, 912-920.	1.3	131