

David P Bichell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7289336/publications.pdf>

Version: 2024-02-01

100
papers

2,047
citations

304368

22
h-index

243296

44
g-index

101
all docs

101
docs citations

101
times ranked

2042
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimally Invasive Cardiac Valve Surgery Improves Patient Satisfaction While Reducing Costs of Cardiac Valve Replacement and Repair. <i>Annals of Surgery</i> , 1997, 226, 421-428.	2.1	500
2	Standardized postoperative handover process improves outcomes in the intensive care unit. <i>Critical Care Medicine</i> , 2012, 40, 2109-2115.	0.4	159
3	Improved results with selective management in pulmonary atresia with intact ventricular septum. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999, 118, 1046-1052.	0.4	103
4	Minimal sternotomy approach for congenital heart operations. <i>Annals of Thoracic Surgery</i> , 2001, 71, 469-472.	0.7	90
5	Minimal access approach for the repair of atrial septal defect: the initial 135 patients. <i>Annals of Thoracic Surgery</i> , 2000, 70, 115-118.	0.7	84
6	Axilloaxillary Cardiopulmonary Bypass: A Practical Alternative to Femorofemoral Bypass. <i>Annals of Thoracic Surgery</i> , 1997, 64, 702-705.	0.7	70
7	Postoperative recovery in children after minimum versus full-length sternotomy. <i>Annals of Thoracic Surgery</i> , 2000, 69, 591-596.	0.7	70
8	Residual lesions in postoperative pediatric cardiac surgery patients receiving extracorporeal membrane oxygenation support. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 434-441.	0.4	70
9	Postoperative complications and association with outcomes in pediatric cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 609-616.e1.	0.4	68
10	Absent posteroinferior and anterosuperior atrial septal defect rims: factors affecting nonsurgical closure of large secundum defects using the amplatzer occluder. <i>Journal of the American Society of Echocardiography</i> , 2004, 17, 62-69.	1.2	66
11	Donor fraction cell-free DNA and rejection in adult and pediatric heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 454-463.	0.3	57
12	Thigh ischemia complicating femoral vessel cannulation for cardiopulmonary bypass. <i>Annals of Thoracic Surgery</i> , 1996, 61, 730-733.	0.7	55
13	B-type Natriuretic Peptide: Perioperative Patterns in Congenital Heart Disease. <i>Congenital Heart Disease</i> , 2010, 5, 243-255.	0.0	45
14	Advanced Heart Failure in Adults With Congenital Heart Disease. <i>JACC: Heart Failure</i> , 2020, 8, 87-99.	1.9	39
15	Center volume and post-transplant survival among adults with congenital heart disease. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1351-1360.	0.3	38
16	Advances in MALDI imaging mass spectrometry of proteins in cardiac tissue, including the heart valve. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 927-935.	1.1	33
17	Minimal-Access Surgery for Congenital Heart Defects. <i>Pediatric Cardiac Surgery Annual</i> , 1998, 1, 75-80.	0.5	30
18	New Approaches to Neuroprotection in Infant Heart Surgery. <i>Pediatric Research</i> , 2010, 68, 1-9.	1.1	30

#	ARTICLE	IF	CITATIONS
19	Acetaminophen Attenuates Lipid Peroxidation in Children Undergoing Cardiopulmonary Bypass. <i>Pediatric Critical Care Medicine</i> , 2014, 15, 503-510.	0.2	30
20	Three-Region Perfusion Strategy for Aortic Arch Reconstruction in the Norwood. <i>Annals of Thoracic Surgery</i> , 2011, 92, 1138-1140.	0.7	25
21	Association of Blood Products Administration During Cardiopulmonary Bypass and Excessive Post-operative Bleeding in Pediatric Cardiac Surgery. <i>Pediatric Cardiology</i> , 2015, 36, 459-467.	0.6	25
22	Hypoplastic Left Heart Syndrome Sequencing Reveals a Novel NOTCH1 Mutation in a Family with Single Ventricle Defects. <i>Pediatric Cardiology</i> , 2017, 38, 1232-1240.	0.6	25
23	Angiotensin-converting enzyme inhibition alters the inflammatory and fibrinolytic response to cardiopulmonary bypass in children*. <i>Pediatric Critical Care Medicine</i> , 2011, 12, 532-538.	0.2	24
24	Applications of pacing strategies in neonates and infants. <i>Progress in Pediatric Cardiology</i> , 2000, 11, 65-75.	0.2	21
25	Feasibility of a Team Approach to Complex Congenital Heart Defect Neurodevelopmental Follow-Up. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2016, 9, 432-440.	0.9	21
26	Late Left Pulmonary Artery Stenosis After the Norwood Procedure is Prevented by a Modification in Shunt Construction. <i>Annals of Thoracic Surgery</i> , 2005, 79, 1656-1660.	0.7	19
27	Congenitally corrected transposition of the great arteries: An update. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2007, 9, 407-413.	0.4	19
28	Identifying Predictors of Hospital Readmission Following Congenital Heart Surgery through Analysis of a Multiinstitutional Administrative Database. <i>Congenital Heart Disease</i> , 2015, 10, 142-152.	0.0	17
29	Neonatal Aortic Arch Reconstruction With Direct Splanchnic Perfusion Avoids Deep Hypothermia. <i>Annals of Thoracic Surgery</i> , 2017, 104, 2054-2063.	0.7	17
30	Surgical Approaches to Epicardial Pacemaker Placement: Does Pocket Location Affect Lead Survival?. <i>Pediatric Cardiology</i> , 2010, 31, 1016-1024.	0.6	16
31	Spatial N-glycomics of the human aortic valve in development and pediatric endstage congenital aortic valve stenosis. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 154, 6-20.	0.9	16
32	Collagen fiber regulation in human pediatric aortic valve development and disease. <i>Scientific Reports</i> , 2021, 11, 9751.	1.6	15
33	Perioperative Plasma F2-Isoprostane Levels Correlate With Markers of Impaired Ventilation in Infants With Single-Ventricle Physiology Undergoing Stage 2 Surgical Palliation on the Cardiopulmonary Bypass. <i>Pediatric Cardiology</i> , 2012, 33, 562-568.	0.6	14
34	Evaluation and management of pulmonary atresia with intact ventricular septum. <i>Current Opinion in Cardiology</i> , 1999, 14, 60.	0.8	13
35	MALDI Imaging Mass Spectrometry as a Lipidomic Approach to Heart Valve Research. <i>Journal of Heart Valve Disease</i> , 2016, 25, 240-252.	0.5	13
36	A common angiotensin-converting enzyme polymorphism and preoperative angiotensin-converting enzyme inhibition modify risk of tachyarrhythmias after congenital heart surgery. <i>Heart Rhythm</i> , 2014, 11, 637-643.	0.3	12

#	ARTICLE	IF	CITATIONS
37	Association of Shunt Type With Arrhythmias After Norwood Procedure. <i>Annals of Thoracic Surgery</i> , 2018, 105, 629-636.	0.7	12
38	Repair of Mitral Regurgitation from Myxomatous Degeneration in the Patient with a Severely Calcified Posterior Annulus. <i>Journal of Cardiac Surgery</i> , 1995, 10, 281-284.	0.3	10
39	Congenital Heart Surgery Outcomes in Turner Syndrome: The Society of Thoracic Surgeons Database Analysis. <i>Annals of Thoracic Surgery</i> , 2019, 108, 1430-1437.	0.7	10
40	Research consent rates before and during a COVID-19 one-visitor policy in a children's hospital. <i>Pediatric Research</i> , 2021, 89, 1386-1388.	1.1	8
41	Fourth Decade After Repair of Tetralogy of Fallot. <i>Circulation</i> , 2014, 130, 1931-1932.	1.6	7
42	Pulmonary Atresia with Intact Ventricular Septum. , 2006, , 767-776.		5
43	Congenitally Corrected Transposition Cardiac Surgery: Society of Thoracic Surgeons Database Analysis. <i>Annals of Thoracic Surgery</i> , 2022, 114, 1715-1722.	0.7	5
44	Sedated Echocardiograms Better Characterize Branch Pulmonary Arteries Following Bidirectional Glenn Palliation with Minimal Risk of Adverse Events. <i>Pediatric Cardiology</i> , 2020, 41, 955-961.	0.6	4
45	Vaping Contributing to Postoperative Acute Respiratory Distress Syndrome. <i>Annals of Thoracic Surgery</i> , 2021, 112, e169-e171.	0.7	4
46	Relationship between donor fraction cell-free DNA and clinical rejection in heart transplantation. <i>Pediatric Transplantation</i> , 2022, 26, e14264.	0.5	4
47	Modified Konno Procedure for Left Ventricular Outflow Tract Obstruction. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2011, 16, 62-69.	0.2	3
48	Reintervention After Infant Aortic Arch Repair Using a Tailored Autologous Pericardial Patch. <i>Annals of Thoracic Surgery</i> , 2021, 111, 973-979.	0.7	3
49	Autograft Root Dilation After the Ross Procedure Is Not Benign. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2021, 12, 516-517.	0.3	3
50	Staged Hybrid Left Pulmonary Artery Rehabilitation in Post-Fontan Left Pulmonary Artery Hypoplasia. <i>Annals of Thoracic Surgery</i> , 2007, 84, 2112-2114.	0.7	2
51	Congenitally Corrected Transposition of the Great Arteries: A Unique Case from Iraq. <i>Pediatric Cardiology</i> , 2010, 31, 120-123.	0.6	2
52	Impact of obesity on post-operative arrhythmias after congenital heart surgery in children and young adults. <i>Cardiology in the Young</i> , 2022, 32, 1820-1825.	0.4	2
53	Left Ventricular Hernia in a Pediatric Transplant Recipient: Case Report and Review of the Literature. <i>Pediatric Cardiology</i> , 2009, 30, 55-58.	0.6	1
54	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2010, 89, 1237-1238.	0.7	1

#	ARTICLE	IF	CITATIONS
55	Invited Commentary. Annals of Thoracic Surgery, 2011, 92, 1765-1766.	0.7	1
56	Template of patient-specific summaries facilitates education and outcomes in paediatric cardiac surgery units. Interactive Cardiovascular and Thoracic Surgery, 2013, 17, 704-709.	0.5	1
57	It is still mostly about the mitral valve. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 375-376.	0.4	1
58	Direct Splanchnic Perfusion Safely Avoids Deep Hypothermia. Pediatric Cardiac Surgery Annual, 2018, 21, 28-32.	0.5	1
59	The 3-dimensional cardiac hype cycle. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, e125.	0.4	1
60	Commentary: Mechanical ventilation: A toxic asset. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 1599-1600.	0.4	1
61	Multi-center Data Frames Single-center Questions. World Journal for Pediatric & Congenital Heart Surgery, 2019, 10, 268-269.	0.3	1
62	Invited Commentary. Annals of Thoracic Surgery, 2020, 109, 833-834.	0.7	1
63	Commentary: Technical excellence is necessary but not sufficient. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 225-226.	0.4	1
64	Commentary: Ventriculo-ventricular interaction: A bad neighbor brings down the neighborhood. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 1016-1017.	0.4	1
65	No survival benefit associated with waiting for nonâ€lung donor heart transplants for adult recipients with congenital heart disease. Clinical Transplantation, 2021, 35, e14266.	0.8	1
66	Increase in Nuclear Cellâ€Free DNA is Associated with Major Adverse Events in Adult and Pediatric Heart Transplant Recipients. Clinical Transplantation, 2021, , e14509.	0.8	1
67	Malalignment of the Septum Primum with Abnormally Positioned Left Atrial Appendage. Pediatric Cardiology, 2006, 27, 628-632.	0.6	0
68	Invited Commentary. Annals of Thoracic Surgery, 2013, 95, 235.	0.7	0
69	Left main coronary artery compression by a dilated pulmonary artery after heart transplantation in an infant with complex congenital heart disease. Journal of Heart and Lung Transplantation, 2013, 32, 470-472.	0.3	0
70	Occlusion of the Left Main Coronary Artery Os By a Tethered Aortic Valve Cusp. Annals of Thoracic Surgery, 2014, 97, e63-e65.	0.7	0
71	Invited Commentary. Annals of Thoracic Surgery, 2015, 99, 897-898.	0.7	0
72	Retrocardiac mediastinal foregut duplication cyst. Journal of Pediatric Surgery Case Reports, 2016, 14, 45-48.	0.1	0

#	ARTICLE	IF	CITATIONS
73	Neoaortic support hose. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 165-166.	0.4	0
74	Bidirectional Inferior Cavopulmonary Anastomosis: Pre-Fontan Interim Palliation. <i>Annals of Thoracic Surgery</i> , 2017, 104, e329-e331.	0.7	0
75	An umbrella arrives toward the end of the storm: Patient-tailored aspirin dosing improves late perioperative thromboprophylaxis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1731-1732.	0.4	0
76	Neonatal Arch Reconstruction: Guiding Principles, Some Misguided Ones, and a Few More That Don't Matter. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2017, 29, 524-525.	0.4	0
77	An implantable turbomechanical cavopulmonary assist device: Guarded optimism for harnessing the river to do upstream work. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 302-303.	0.4	0
78	Intraoperative Balloon Pulmonary Annulus Dilation: A New Alchemy or Polishing a Meatball?. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 835-836.	0.4	0
79	Heart Transplantation in a Fontan Patient Using a Hepatitis C-Positive Donor. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2019, 10, 504-504.	0.3	0
80	Epidurals for Coarctation Repair in Children Are Associated with Decreased Postoperative Anti-Hypertensive Infusion Requirement as Measured by a Novel Parameter, the Anti-Hypertensive Dosing Index (ADI). <i>Children</i> , 2019, 6, 112.	0.6	0
81	Composite polytetrafluoroethylene homograft with external stent as valved pulmonary conduit: All hat and no cattle?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 351-352.	0.4	0
82	Commentary: (1) Spare the valve; (2) sacrifice the valve; or (3) park valve rudiments in situ, as growable inventory, for future re-employment. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2393-2394.	0.4	0
83	Commentary: Rescue is feasible—Prevention is preferred. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1941-1942.	0.4	0
84	Commentary: The Fontan: Propping up the push, the pull, the plumbing, and knowing when to fold. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 162, 1241-1243.	0.4	0
85	Commentary: A miracle product, applied early and often. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, e500-e501.	0.4	0
86	Commentary: The importance and treachery of patient selection for neonatal heart transplant. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 1370-1371.	0.4	0
87	Reply: Patient selection is both the problem and the solution. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.4	0
88	An Anomalous Cause of Portal Hypertension. <i>ACG Case Reports Journal</i> , 2021, 8, e00552.	0.2	0
89	Commentary: Cardiac surgery in the developing world: Matching patient selection to longitudinal care. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 424-425.	0.4	0
90	Commentary: Surgery postponed, reason unclear. <i>JTCVS Open</i> , 2021, 6, 220-221.	0.2	0

#	ARTICLE	IF	CITATIONS
91	Vision Impairment Is a Risk Factor Neglected in the Value Calculation. <i>Annals of Thoracic Surgery</i> , 2021, 112, 177-178.	0.7	0
92	Commentary: Right ventriculotomy: Less is still more. <i>JTCVS Techniques</i> , 2021, 8, 124-125.	0.2	0
93	Commentary: Which came first, the chylothorax or the thrombus?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.4	0
94	Commentary: Is the health of the forest measured by the health of some of the trees?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.4	0
95	Integrating MALDI Imaging Mass Spectrometry and Shotgun Proteomics for a Systems Biology Understanding of Congenital Heart Valve Disease. <i>FASEB Journal</i> , 2012, 26, 209.5.	0.2	0
96	K ATP channels in ductus arteriosus function and pathophysiology: mechanism of action and therapeutic potential. <i>FASEB Journal</i> , 2019, 33, 827.14.	0.2	0
97	Commentary: A failure unhidden is an unfinished success. <i>JTCVS Techniques</i> , 2020, 1, 95-96.	0.2	0
98	Commentary: A big shunt is an early liability, a late asset. <i>JTCVS Open</i> , 2022, , .	0.2	0
99	Misclassification of Pulmonary Hypertension in Partial Anomalous Pulmonary Venous Return. <i>Annals of Thoracic Surgery</i> , 2022, 114, e447-e449.	0.7	0
100	Commentary: The illogic of oversizing donor hearts for pulmonary hypertension. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, , .	0.4	0