

Charles D Fraser Iii

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9460732/charles-d-fraser-iii-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116
papers

1,698
citations

21
h-index

35
g-index

127
ext. papers

2,209
ext. citations

2.6
avg, IF

4.72
L-index

#	Paper	IF	Citations
116	The Society of Thoracic Surgeons Congenital Heart Surgery Database Mortality Risk Model: Part 2-Clinical Application. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1063-8; discussion 1068-70	2.7	84
115	Incidence and treatment of chylothorax after cardiac surgery in children: analysis of a large multi-institution database. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 678-86.e1; discussion 685-6	1.5	83
114	Interleukin 10 knockout frail mice develop cardiac and vascular dysfunction with increased age. <i>Experimental Gerontology</i> , 2013 , 48, 128-35	4.5	72
113	Risk factors for development of endocarditis and reintervention in patients undergoing right ventricle to pulmonary artery valved conduit placement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 432-9, 441.e1-2	1.5	70
112	The Society of Thoracic Surgeons Congenital Heart Surgery Database: 2016 Update on Outcomes and Quality. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 850-62	2.7	63
111	Outcomes of surgical intervention for anomalous aortic origin of a coronary artery: A large contemporary prospective cohort study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 305-319.e4	1.5	61
110	Principles of antegrade cerebral perfusion during arch reconstruction in newborns/infants. <i>Pediatric Cardiac Surgery Annual</i> , 2008 , 61-8	2.1	59
109	Anomalous aortic origin of a coronary artery: toward a standardized approach. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2014 , 26, 110-22	1.7	57
108	The Society of Thoracic Surgeons Congenital Heart Surgery Database: 2017 Update on Outcomes and Quality. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 699-709	2.7	52
107	The Society of Thoracic Surgeons Congenital Heart Surgery Database: 2018 Update on Outcomes and Quality. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 680-689	2.7	49
106	Surgical pulmonary valve replacement: a benchmark for outcomes comparisons. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 1450-3	1.5	42
105	The frequency response of cerebral autoregulation. <i>Journal of Applied Physiology</i> , 2013 , 115, 52-6	3.7	40
104	Aortic arch advancement for aortic coarctation and hypoplastic aortic arch in neonates and infants. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 625-33; discussion 633	2.7	39
103	Preliminary experience with the MicroMed DeBakey pediatric ventricular assist device. <i>Pediatric Cardiac Surgery Annual</i> , 2006 , 109-14	2.1	39
102	Evolution and impact of ventricular assist device program on children awaiting heart transplantation. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 635-40	2.7	37
101	Anomalous Coronary Arteries and Myocardial Bridges: Risk Stratification in Children Using Novel Cardiac Catheterization Techniques. <i>Pediatric Cardiology</i> , 2017 , 38, 624-630	2.1	30
100	A modified implantation technique of the HeartWare ventricular assist device for pediatric patients. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 134-136	5.8	30

99	High incidence of late infective endocarditis in bovine jugular vein valved conduits. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 728-734.e2	1.5	28
98	Positive end-expiratory pressure oscillation facilitates brain vascular reactivity monitoring. <i>Journal of Applied Physiology</i> , 2012 , 113, 1362-8	3.7	28
97	Contemporary Results of Aortic Coarctation Repair Through Left Thoracotomy. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1039-46	2.7	27
96	Genetic architecture of laterality defects revealed by whole exome sequencing. <i>European Journal of Human Genetics</i> , 2019 , 27, 563-573	5.3	24
95	Current Status of Pediatric Ventricular Assist Device Support. <i>Pediatric Cardiac Surgery Annual</i> , 2017 , 20, 2-8	2.1	21
94	Whole exome sequencing in 342 congenital cardiac left sided lesion cases reveals extensive genetic heterogeneity and complex inheritance patterns. <i>Genome Medicine</i> , 2017 , 9, 95	14.4	21
93	Full-Thickness Heart Repair with an Engineered Multilayered Myocardial Patch in Rat Model. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1600549	10.1	20
92	Continuous cerebral hemodynamic measurement during deep hypothermic circulatory arrest. <i>Biomedical Optics Express</i> , 2016 , 7, 3461-3470	3.5	20
91	Management of systemic outlet obstruction in patients undergoing single ventricle palliation. <i>Pediatric Cardiac Surgery Annual</i> , 2009 , 70-5	2.1	19
90	Survival and Functional Status After Bridge-to-Transplant with a Left Ventricular Assist Device. <i>ASAIO Journal</i> , 2019 , 65, 661-667	3.6	18
89	A Contemporary Analysis of Heart Transplantation and Bridge-to-Transplant Mechanical Circulatory Support Outcomes in Cardiac Sarcoidosis. <i>Journal of Cardiac Failure</i> , 2018 , 24, 384-391	3.3	18
88	Less Is More: Results of a Statewide Analysis of the Impact of Blood Transfusion on Coronary Artery Bypass Grafting Outcomes. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 129-136	2.7	18
87	A genome-wide association study of congenital cardiovascular left-sided lesions shows association with a locus on chromosome 20. <i>Human Molecular Genetics</i> , 2016 , 25, 2331-2341	5.6	18
86	The miniaturized pediatric continuous-flow device: Preclinical assessment in the chronic sheep model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 291-300	1.5	17
85	The Berlin Heart EXCOR Pediatric ventricular assist device: history, North American experience, and future directions. <i>Annals of the New York Academy of Sciences</i> , 2013 , 1291, 96-105	6.5	17
84	Contemporary results of surgical repair of recurrent aortic arch obstruction. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 133-40; discussion 140-1	2.7	16
83	Racial Disparities in Patients Bridged to Heart Transplantation With Left Ventricular Assist Devices. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 1122-1126	2.7	15
82	Duration of Left Ventricular Assist Device Support Does Not Impact Survival After US Heart Transplantation. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1206-12	2.7	14

81	Pulmonary artery resuscitation for isolated ductal origin of the pulmonary artery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2235-2244.e1	1.5	14
80	Pediatric Femoral Arterial Cannulations in Extracorporeal Membrane Oxygenation: A Review and Strategies for Optimization. <i>ASAIO Journal</i> , 2019 , 65, 636-641	3.6	14
79	Association of preoperative spinal drain placement with spinal cord ischemia among patients undergoing thoracic and thoracoabdominal endovascular aortic repair. <i>Journal of Vascular Surgery</i> , 2019 , 70, 393-403	3.5	13
78	Centrifugal-flow ventricular assist device support in children: A single-center experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 1609-1617.e2	1.5	13
77	Decision analysis to define the optimal management of athletes with anomalous aortic origin of a coronary artery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 152, 1366-1375.e7	1.5	13
76	Outpatient management of a child with bidirectional Glenn shunts supported with implantable continuous-flow ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 688-90	5.8	13
75	Early Outcomes After Heart Transplantation in Recipients Bridged With a HeartMate 3 Device. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 467-473	2.7	12
74	Impact of the New Pulmonary Hypertension Definition on Heart Transplant Outcomes: Expanding the Hemodynamic Risk Profile. <i>Chest</i> , 2020 , 157, 151-161	5.3	12
73	Mid-Term Outcomes in Patients with Congenitally Corrected Transposition of the Great Arteries: A Single Center Experience. <i>Journal of the American College of Surgeons</i> , 2017 , 224, 707-715	4.4	11
72	Ontogeny of cerebrovascular critical closing pressure. <i>Pediatric Research</i> , 2015 , 78, 71-5	3.2	11
71	Current practices are variable in the evaluation and management of patients with anomalous aortic origin of a coronary artery: Results of a survey. <i>Congenital Heart Disease</i> , 2017 , 12, 610-614	3.1	11
70	Routine preoperative laboratory testing in elective pediatric cardiothoracic surgery is largely unnecessary. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, 678-685	1.5	11
69	Ventricular Assist Device Support: Single Pediatric Institution Experience Over Two Decades. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 829-836	2.7	10
68	The Neonatal Arterial Switch Operation: Technical Pearls. <i>Pediatric Cardiac Surgery Annual</i> , 2017 , 20, 38-42	2.1	9
67	Descending Aortic Translocation for Relief of Distal Tracheal and Proximal Bronchial Compression. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 859-862	2.7	9
66	Incorporating longitudinal pediatric patient-centered outcome measurement into the clinical workflow using a commercial electronic health record: a step toward increasing value for the patient. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016 , 23, 88-93	8.6	9
65	Remodeling of ECM patch into functional myocardium in an ovine model: A pilot study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 1713-1720	3.5	9
64	Pseudoaneurysm formation after valve sparing root replacement in children with Loeys-Dietz syndrome. <i>Journal of Cardiac Surgery</i> , 2018 , 33, 339-343	1.3	9

63	Predictors of operative mortality among cardiac surgery patients with prolonged ventilation. <i>Journal of Cardiac Surgery</i> , 2019 , 34, 759-766	1.3	9
62	Feeding gastrostomy in children with complex heart disease: when is a fundoplication indicated?. <i>Pediatric Surgery International</i> , 2016 , 32, 285-9	2.1	8
61	In Vitro Hemocompatibility Evaluation of Ventricular Assist Devices in Pediatric Flow Conditions: A Benchmark Study. <i>Artificial Organs</i> , 2018 , 42, 1028-1034	2.6	8
60	Aborted Sudden Cardiac Death After Unroofing of Anomalous Left Coronary Artery. <i>Annals of Thoracic Surgery</i> , 2017 , 104, e265-e267	2.7	8
59	Surgical Closure of Patent Ductus Arteriosus in Premature Neonates Weighing Less Than 1,000 grams: Contemporary Outcomes. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2018 , 9, 419-423	1.1	8
58	Size Mismatching Increases Mortality After Lung Transplantation in Preadolescent Patients. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 130-137	2.7	7
57	Tricuspid Valve Detachment in Ventricular Septal Defect Closure Does Not Impact Valve Function. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 145-150	2.7	7
56	Larger Centers May Produce Better Outcomes: Is Regionalization in Congenital Heart Surgery a Superior Model?. <i>Pediatric Cardiac Surgery Annual</i> , 2016 , 19, 10-3	2.1	7
55	Valve-sparing aortic root replacement in children: Outcomes from 100 consecutive cases. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 1100-1109	1.5	7
54	Waiting list outcomes in pediatric lung transplantation: Poor results for children listed in adult transplant programs. <i>Journal of Heart and Lung Transplantation</i> , 2017 , 36, 1201-1208	5.8	6
53	Outcomes after heart transplantation in sensitized patients bridged with ventricular assist devices. <i>Journal of Cardiac Surgery</i> , 2019 , 34, 474-481	1.3	6
52	Summary of the 2015 International Paediatric Heart Failure Summit of Johns Hopkins All Children's Heart Institute. <i>Cardiology in the Young</i> , 2015 , 25 Suppl 2, 8-30	1	6
51	The Prevalence and Impact of Congenital Diaphragmatic Hernia Among Patients Undergoing Surgery for Congenital Heart Disease. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019 , 31, 69-77	1.7	6
50	Complete versus partial excision of infected arteriovenous grafts: Does remnant graft material impact outcomes?. <i>Journal of Vascular Surgery</i> , 2020 , 71, 174-179	3.5	6
49	Impact of Traumatically Brain-Injured Donors on Outcomes After Heart Transplantation. <i>Journal of Surgical Research</i> , 2019 , 240, 40-47	2.5	5
48	Comparing Frailty Markers in Predicting Poor Outcomes after Transcatheter Aortic Valve Replacement. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2019 , 14, 43-54	1.5	5
47	Increased Use of Multiorgan Transplantation in Heart Transplantation: Only Time Will Tell. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 1308-1315	2.7	5
46	Familial clustering of cardiac conditions in patients with anomalous aortic origin of a coronary artery and myocardial bridges. <i>Cardiology in the Young</i> , 2018 , 28, 1099-1105	1	5

45	Correlating Oxygen Delivery During Cardiopulmonary Bypass With the Neurologic Injury Biomarker Ubiquitin C-Terminal Hydrolase L1 (UCH-L1). <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, 2485-2492	2.1	5
44	Diaphragm Paralysis After Pediatric Cardiac Surgery: An STS Congenital Heart Surgery Database Study. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 139-146	2.7	5
43	Long-term outcomes after transplantation after support with a pulsatile pediatric ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 449-455	5.8	5
42	Removal of Noninfected Arteriovenous Fistulae after Kidney Transplantation is a Safe and Beneficial Management Strategy for Unused Dialysis Access. <i>Annals of Vascular Surgery</i> , 2018 , 53, 128-132	1.7	4
41	Effect of Gastrointestinal Malformations on the Outcomes of Patients With Congenital Heart Disease. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 1590-1596	2.7	4
40	Acute cholecystitis preceding mycotic aortic pseudoaneurysm in a heart transplant recipient. <i>Journal of Cardiac Surgery</i> , 2010 , 25, 749-51	1.3	4
39	Effects of Systemic and Device-Related Complications in Patients Bridged to Transplantation With Left Ventricular Assist Devices. <i>Journal of Surgical Research</i> , 2020 , 246, 207-212	2.5	4
38	Pulsatile Glenn as long-term palliation for single ventricle physiology patients. <i>Congenital Heart Disease</i> , 2018 , 13, 927-934	3.1	4
37	Bilateral Internal Mammary Artery Use in Diabetic Patients: Friend or Foe?. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 1088-1094	2.7	4
36	Intra-Aortic Missile After Gunshot Wound to Chest: An Interesting Case of Traumatic Cardiac Injury. <i>Annals of Thoracic Surgery</i> , 2017 , 103, e441-e442	2.7	3
35	Single-visit surgery: An evaluation from an institutional perspective. <i>Journal of Pediatric Surgery</i> , 2019 , 54, 1108-1111	2.6	3
34	Variation in Platelet Transfusion Practices in Cardiac Surgery. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2019 , 14, 134-143	1.5	3
33	Coronary Button Pseudoaneurysms After Aortic Root Replacement in a Child With Loeys-Deitz Syndrome. <i>Annals of Thoracic Surgery</i> , 2018 , 105, e63-e65	2.7	3
32	Off-pump coronary artery bypass in octogenarians: results of a statewide, matched comparison. <i>General Thoracic and Cardiovascular Surgery</i> , 2019 , 67, 355-362	1.6	3
31	Children's Heart Assessment Tool for Transplantation (CHAT) Score: A Novel Risk Score Predicts Survival After Pediatric Heart Transplantation. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2019 , 10, 296-303	1.1	2
30	Conditional Survival in Heart Transplantation: An Organ Procurement and Transplantation Network Database Analysis. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 1339-1347	2.7	2
29	A pulmonary artery sling with a vascular ring in a toddler: an uncommon combination. <i>Cardiology in the Young</i> , 2018 , 28, 783-785	1	2
28	Circumflex aorta with double aortic arch in an infant. <i>Journal of Cardiac Surgery</i> , 2018 , 33, 292-295	1.3	2

27	Risk Factors for Development and Progression of Scoliosis After Pediatric Cardiothoracic Operations. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1835-1841	2.7	2
26	Discrepancies in access and institutional risk tolerance in heart transplantation: A national open cohort study. <i>Journal of Cardiac Surgery</i> , 2019 , 34, 994-1003	1.3	2
25	Static cerebrovascular pressure autoregulation remains intact during deep hypothermia. <i>Paediatric Anaesthesia</i> , 2017 , 27, 911-917	1.8	2
24	Evaluation of Extracorporeal Membrane Oxygenation Therapy as a Bridging Method. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 68-74	2.7	2
23	Survey of multinational surgical management practices in tetralogy of Fallot. <i>Cardiology in the Young</i> , 2019 , 29, 67-70	1	2
22	Long-term Survival After Heart Transplantation: A Population-based Nested Case-Control Study. <i>Annals of Thoracic Surgery</i> , 2021 , 111, 889-898	2.7	2
21	Impaled aorta: a rare case of aortic perforation with a vertebral outgrowth. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 1449-51	2.7	1
20	Systemic Semilunar Valve Replacement in Pediatric Patients Using a Porcine, Full-Root Bioprosthesis. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 599-605	2.7	1
19	Renal ultrasound provides low utility in evaluating cardiac surgery associated acute kidney injury. <i>Journal of Cardiothoracic Surgery</i> , 2017 , 12, 75	1.6	1
18	Evolution of the Pediatric and Congenital Heart Surgery Service at Texas Children's Hospital: 1954-2015. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2015 , 27, 380-7	1.7	1
17	Heart transplantation outcomes in arrhythmogenic right ventricular cardiomyopathy: a contemporary national analysis.. <i>ESC Heart Failure</i> , 2022 ,	3.7	1
16	Quality Measures for Congenital and Pediatric Cardiac Surgery		1
15	Morbidity and mortality outcomes after esophagectomy following chemoradiation using a standardized operative technique.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 166-166	2.2	1
14	Contemporary Outcomes following Redo Autogenous Infrainguinal Bypass. <i>Annals of Vascular Surgery</i> , 2020 , 66, 537-542	1.7	1
13	Commentary: The challenge of postoperative diaphragmatic paralysis in patients with functionally univentricular circulation: A data-driven strategy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, 1297-1299	1.5	1
12	A Bullet in the Aortic Root: Utility of Transesophageal Echocardiography in Penetrating Thoracic Trauma. <i>Anesthesia and Analgesia</i> , 2019 , 129, e69-e72	3.9	1
11	Cannulation strategy for centrifugal-flow ventricular assist device implantation late after arterial switch operation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018 , 26, 532-534	1.8	1
10	Left Ventricular Assist Device Exchange Increases Heart Transplant Wait-List Mortality. <i>Journal of Surgical Research</i> , 2020 , 255, 277-284	2.5	0

- 9 Denton A. Cooley, August 22, 1920, to November 18, 2016. *Annals of Thoracic Surgery*, **2017**, 103, 1676-1678
- 8 Denton Arthur Cooley, MD, and the Dawn of Congenital Heart Surgery. *World Journal for Pediatric & Congenital Heart Surgery*, **2017**, 8, 127-129 1.1
- 7 50th Anniversary Landmark Commentary on Bender HW Jr, Stewart JR, Merrill WH, Hammon JW Jr, Graham TP Jr. Ten years experience with the Senning operation for transposition of the great arteries: physiological results and late follow-up. *Ann Thorac Surg* 1989;47:218-23. *Annals of Thoracic Surgery*, **2015**, 100, 1152-3 2.7
- 6 Neuroprotective strategies--what do we really need to know?. *Pediatric Cardiac Surgery Annual*, **2014**, 17, 77-80 2.1
- 5 The disadvantaged right ventricle in hypoplastic left heart syndrome: additional insight. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 148, 2419 1.5
- 4 28 years experience with transatrial-transpulmonary repair of atrioventricular septal defect with tetralogy of Fallot. Invited commentary. *Annals of Thoracic Surgery*, **2008**, 85, 1690 2.7
- 3 Congenital heart surgery in the adult. *Texas Heart Institute Journal*, **2010**, 37, 662-4 0.8
- 2 AN IN VITRO CONTRACTILE STUDY IN PEDIATRIC HUMAN HEARTS WITH CONGENITAL HEART DISEASE. *FASEB Journal*, **2007**, 21, A1262 0.9
- 1 Disseminated Intravascular Coagulation Following Heart Transplant in an HIV-infected Recipient: Case Report and Review of the Literature. *Transplantation Direct*, **2019**, 5, e444 2.3