

# Charles D Fraser Iii

## List of Publications by Year in Descending Order

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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	Heart transplantation outcomes in arrhythmogenic right ventricular cardiomyopathy: a contemporary national analysis.. <i>ESC Heart Failure</i> , <b>2022</b> ,	3.7	1
115	Diaphragm Paralysis After Pediatric Cardiac Surgery: An STS Congenital Heart Surgery Database Study. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 112, 139-146	2.7	5
114	Evaluation of Extracorporeal Membrane Oxygenation Therapy as a Bridging Method. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 112, 68-74	2.7	2
113	Long-term Survival After Heart Transplantation: A Population-based Nested Case-Control Study. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 111, 889-898	2.7	2
112	Left Ventricular Assist Device Exchange Increases Heart Transplant Wait-List Mortality. <i>Journal of Surgical Research</i> , <b>2020</b> , 255, 277-284	2.5	0
111	Conditional Survival in Heart Transplantation: An Organ Procurement and Transplantation Network Database Analysis. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 110, 1339-1347	2.7	2
110	Increased Use of Multiorgan Transplantation in Heart Transplantation: Only Time Will Tell. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 110, 1308-1315	2.7	5
109	Effects of Systemic and Device-Related Complications in Patients Bridged to Transplantation With Left Ventricular Assist Devices. <i>Journal of Surgical Research</i> , <b>2020</b> , 246, 207-212	2.5	4
108	Contemporary Outcomes following Redo Autogenous Infrainguinal Bypass. <i>Annals of Vascular Surgery</i> , <b>2020</b> , 66, 537-542	1.7	1
107	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> , <b>2020</b> , 160, 1297-1299	1.5	1
106	Impact of the New Pulmonary Hypertension Definition on Heart Transplant Outcomes: Expanding the Hemodynamic Risk Profile. <i>Chest</i> , <b>2020</b> , 157, 151-161	5.3	12
105	Complete versus partial excision of infected arteriovenous grafts: Does remnant graft material impact outcomes?. <i>Journal of Vascular Surgery</i> , <b>2020</b> , 71, 174-179	3.5	6
104	Racial Disparities in Patients Bridged to Heart Transplantation With Left Ventricular Assist Devices. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 1122-1126	2.7	15
103	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> , <b>2019</b> , 70, 393-403	3.5	13
102	Size Mismatching Increases Mortality After Lung Transplantation in Preadolescent Patients. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 130-137	2.7	7
101	Outcomes after heart transplantation in sensitized patients bridged with ventricular assist devices. <i>Journal of Cardiac Surgery</i> , <b>2019</b> , 34, 474-481	1.3	6
100	Children's Heart Assessment Tool for Transplantation (CHAT) Score: A Novel Risk Score Predicts Survival After Pediatric Heart Transplantation. <i>World Journal for Pediatric &amp; Congenital Heart Surgery</i> , <b>2019</b> , 10, 296-303	1.1	2

99	Single-visit surgery: An evaluation from an institutional perspective. <i>Journal of Pediatric Surgery</i> , <b>2019</b> , 54, 1108-1111	2.6	3
98	Variation in Platelet Transfusion Practices in Cardiac Surgery. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2019</b> , 14, 134-143	1.5	3
97	Impact of Traumatically Brain-Injured Donors on Outcomes After Heart Transplantation. <i>Journal of Surgical Research</i> , <b>2019</b> , 240, 40-47	2.5	5
96	Survival and Functional Status After Bridge-to-Transplant with a Left Ventricular Assist Device. <i>ASAIO Journal</i> , <b>2019</b> , 65, 661-667	3.6	18
95	Centrifugal-flow ventricular assist device support in children: A single-center experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 1609-1617.e2	1.5	13
94	Comparing Frailty Markers in Predicting Poor Outcomes after Transcatheter Aortic Valve Replacement. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2019</b> , 14, 43-54	1.5	5
93	Early Outcomes After Heart Transplantation in Recipients Bridged With a HeartMate 3 Device. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 467-473	2.7	12
92	Predictors of operative mortality among cardiac surgery patients with prolonged ventilation. <i>Journal of Cardiac Surgery</i> , <b>2019</b> , 34, 759-766	1.3	9
91	Discrepancies in access and institutional risk tolerance in heart transplantation: A national open cohort study. <i>Journal of Cardiac Surgery</i> , <b>2019</b> , 34, 994-1003	1.3	2
90	Valve-sparing aortic root replacement in children: Outcomes from 100 consecutive cases. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 1100-1109	1.5	7
89	Disseminated Intravascular Coagulation Following Heart Transplant in an HIV-infected Recipient: Case Report and Review of the Literature. <i>Transplantation Direct</i> , <b>2019</b> , 5, e444	2.3	
88	A Bullet in the Aortic Root: Utility of Transesophageal Echocardiography in Penetrating Thoracic Trauma. <i>Anesthesia and Analgesia</i> , <b>2019</b> , 129, e69-e72	3.9	1
87	Pediatric Femoral Arterial Cannulations in Extracorporeal Membrane Oxygenation: A Review and Strategies for Optimization. <i>ASAIO Journal</i> , <b>2019</b> , 65, 636-641	3.6	14
86	Ventricular Assist Device Support: Single Pediatric Institution Experience Over Two Decades. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 107, 829-836	2.7	10
85	Long-term outcomes after transplantation after support with a pulsatile pediatric ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , <b>2019</b> , 38, 449-455	5.8	5
84	Genetic architecture of laterality defects revealed by whole exome sequencing. <i>European Journal of Human Genetics</i> , <b>2019</b> , 27, 563-573	5.3	24
83	Off-pump coronary artery bypass in octogenarians: results of a statewide, matched comparison. <i>General Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 67, 355-362	1.6	3
82	Survey of multinational surgical management practices in tetralogy of Fallot. <i>Cardiology in the Young</i> , <b>2019</b> , 29, 67-70	1	2

81	The Prevalence and Impact of Congenital Diaphragmatic Hernia Among Patients Undergoing Surgery for Congenital Heart Disease. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 31, 69-77	1.7	6
80	A pulmonary artery sling with a vascular ring in a toddler: an uncommon combination. <i>Cardiology in the Young</i> , <b>2018</b> , 28, 783-785	1	2
79	A Contemporary Analysis of Heart Transplantation and Bridge-to-Transplant Mechanical Circulatory Support Outcomes in Cardiac Sarcoidosis. <i>Journal of Cardiac Failure</i> , <b>2018</b> , 24, 384-391	3.3	18
78	Tricuspid Valve Detachment in Ventricular Septal Defect Closure Does Not Impact Valve Function. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 106, 145-150	2.7	7
77	Circumflex aorta with double aortic arch in an infant. <i>Journal of Cardiac Surgery</i> , <b>2018</b> , 33, 292-295	1.3	2
76	High incidence of late infective endocarditis in bovine jugular vein valved conduits. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 156, 728-734.e2	1.5	28
75	The Society of Thoracic Surgeons Congenital Heart Surgery Database: 2018 Update on Outcomes and Quality. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 105, 680-689	2.7	49
74	Coronary Button Pseudoaneurysms After Aortic Root Replacement in a Child With Loeys-Deitz Syndrome. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 105, e63-e65	2.7	3
73	Risk Factors for Development and Progression of Scoliosis After Pediatric Cardiothoracic Operations. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 105, 1835-1841	2.7	2
72	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> , <b>2018</b> , 105, 129-136	2.7	18
71	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> , <b>2018</b> , 155, 305-319.e4	1.5	61
70	Familial clustering of cardiac conditions in patients with anomalous aortic origin of a coronary artery and myocardial bridges. <i>Cardiology in the Young</i> , <b>2018</b> , 28, 1099-1105	1	5
69	Pseudoaneurysm formation after valve sparing root replacement in children with Loeys-Dietz syndrome. <i>Journal of Cardiac Surgery</i> , <b>2018</b> , 33, 339-343	1.3	9
68	In Vitro Hemocompatibility Evaluation of Ventricular Assist Devices in Pediatric Flow Conditions: A Benchmark Study. <i>Artificial Organs</i> , <b>2018</b> , 42, 1028-1034	2.6	8
67	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> , <b>2018</b> , 53, 128-132	1.7	4
66	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> , <b>2018</b> , 32, 2485-2492	2.1	5
65	Morbidity and mortality outcomes after esophagectomy following chemoradiation using a standardized operative technique.. <i>Journal of Clinical Oncology</i> , <b>2018</b> , 36, 166-166	2.2	1
64	Pulsatile Glenn as long-term palliation for single ventricle physiology patients. <i>Congenital Heart Disease</i> , <b>2018</b> , 13, 927-934	3.1	4

63	Bilateral Internal Mammary Artery Use in Diabetic Patients: Friend or Foe?. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 106, 1088-1094	2.7	4
62	Cannulation strategy for centrifugal-flow ventricular assist device implantation late after arterial switch operation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2018</b> , 26, 532-534	1.8	1
61	Surgical Closure of Patent Ductus Arteriosus in Premature Neonates Weighing Less Than 1,000 grams: Contemporary Outcomes. <i>World Journal for Pediatric &amp; Congenital Heart Surgery</i> , <b>2018</b> , 9, 419-423	1.1	8
60	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> , <b>2017</b> , 224, 707-715	4.4	11
59	Full-Thickness Heart Repair with an Engineered Multilayered Myocardial Patch in Rat Model. <i>Advanced Healthcare Materials</i> , <b>2017</b> , 6, 1600549	10.1	20
58	The Society of Thoracic Surgeons Congenital Heart Surgery Database: 2017 Update on Outcomes and Quality. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 103, 699-709	2.7	52
57	Anomalous Coronary Arteries and Myocardial Bridges: Risk Stratification in Children Using Novel Cardiac Catheterization Techniques. <i>Pediatric Cardiology</i> , <b>2017</b> , 38, 624-630	2.1	30
56	Denton A. Cooley, August 22, 1920, to November 18, 2016. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 103, 1676-1678		
55	Intra-Aortic Missile After Gunshot Wound to Chest: An Interesting Case of Traumatic Cardiac Injury. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 103, e441-e442	2.7	3
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> , <b>2017</b> , 36, 1201-1208	5.8	6
53	The miniaturized pediatric continuous-flow device: Preclinical assessment in the chronic sheep model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2017</b> , 154, 291-300	1.5	17
52	Denton Arthur Cooley, MD, and the Dawn of Congenital Heart Surgery. <i>World Journal for Pediatric &amp; Congenital Heart Surgery</i> , <b>2017</b> , 8, 127-129	1.1	
51	Current Status of Pediatric Ventricular Assist Device Support. <i>Pediatric Cardiac Surgery Annual</i> , <b>2017</b> , 20, 2-8	2.1	21
50	The Neonatal Arterial Switch Operation: Technical Pearls. <i>Pediatric Cardiac Surgery Annual</i> , <b>2017</b> , 20, 38-42	2.1	9
49	Whole exome sequencing in 342 congenital cardiac left sided lesion cases reveals extensive genetic heterogeneity and complex inheritance patterns. <i>Genome Medicine</i> , <b>2017</b> , 9, 95	14.4	21
48	Renal ultrasound provides low utility in evaluating cardiac surgery associated acute kidney injury. <i>Journal of Cardiothoracic Surgery</i> , <b>2017</b> , 12, 75	1.6	1
47	Aborted Sudden Cardiac Death After Unroofing of Anomalous Left Coronary Artery. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 104, e265-e267	2.7	8
46	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> , <b>2017</b> , 12, 610-614	3.1	11

45	Static cerebrovascular pressure autoregulation remains intact during deep hypothermia. <i>Paediatric Anaesthesia</i> , <b>2017</b> , 27, 911-917	1.8	2
44	Effect of Gastrointestinal Malformations on the Outcomes of Patients With Congenital Heart Disease. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 104, 1590-1596	2.7	4
43	Routine preoperative laboratory testing in elective pediatric cardiothoracic surgery is largely unnecessary. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2017</b> , 153, 678-685	1.5	11
42	Descending Aortic Translocation for Relief of Distal Tracheal and Proximal Bronchial Compression. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 859-862	2.7	9
41	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> , <b>2016</b> , 152, 1366-1375.e7	1.5	13
40	Duration of Left Ventricular Assist Device Support Does Not Impact Survival After US Heart Transplantation. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 1206-12	2.7	14
39	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> , <b>2016</b> , 23, 88-93	8.6	9
38	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> , <b>2016</b> , 104, 1713-1720	3.5	9
37	The Society of Thoracic Surgeons Congenital Heart Surgery Database: 2016 Update on Outcomes and Quality. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 850-62	2.7	63
36	A genome-wide association study of congenital cardiovascular left-sided lesions shows association with a locus on chromosome 20. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 2331-2341	5.6	18
35	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> , <b>2016</b> , 151, 432-9, 441.e1-2	1.5	70
34	Feeding gastrostomy in children with complex heart disease: when is a fundoplication indicated?. <i>Pediatric Surgery International</i> , <b>2016</b> , 32, 285-9	2.1	8
33	Continuous cerebral hemodynamic measurement during deep hypothermic circulatory arrest. <i>Biomedical Optics Express</i> , <b>2016</b> , 7, 3461-3470	3.5	20
32	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> , <b>2016</b> , 35, 688-90	5.8	13
31	Larger Centers May Produce Better Outcomes: Is Regionalization in Congenital Heart Surgery a Superior Model?. <i>Pediatric Cardiac Surgery Annual</i> , <b>2016</b> , 19, 10-3	2.1	7
30	Contemporary Results of Aortic Coarctation Repair Through Left Thoracotomy. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 1039-46	2.7	27
29	Impaled aorta: a rare case of aortic perforation with a vertebral outgrowth. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 99, 1449-51	2.7	1
28	The Society of Thoracic Surgeons Congenital Heart Surgery Database Mortality Risk Model: Part 2-Clinical Application. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 1063-8; discussion 1068-70	2.7	84

27	Systemic Semilunar Valve Replacement in Pediatric Patients Using a Porcine, Full-Root Bioprosthesis. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 599-605	2.7	1
26	Ontogeny of cerebrovascular critical closing pressure. <i>Pediatric Research</i> , <b>2015</b> , 78, 71-5	3.2	11
25	50th Anniversary Landmark Commentary on Bender HW Jr, Stewart JR, Merrill WH, Hammon JW Jr, Graham TP Jr. Ten years of experience with the Senning operation for transposition of the great arteries: physiological results and late follow-up. <i>Ann Thorac Surg</i> 1989;47:218-23. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 1152-3	2.7	
24	Summary of the 2015 International Paediatric Heart Failure Summit of Johns Hopkins All Children's Heart Institute. <i>Cardiology in the Young</i> , <b>2015</b> , 25 Suppl 2, 8-30	1	6
23	Evolution of the Pediatric and Congenital Heart Surgery Service at Texas Children's Hospital: 1954-2015. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 27, 380-7	1.7	1
22	A modified implantation technique of the HeartWare ventricular assist device for pediatric patients. <i>Journal of Heart and Lung Transplantation</i> , <b>2015</b> , 34, 134-136	5.8	30
21	Evolution and impact of ventricular assist device program on children awaiting heart transplantation. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 99, 635-40	2.7	37
20	Anomalous aortic origin of a coronary artery: toward a standardized approach. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 26, 110-22	1.7	57
19	Pulmonary artery resuscitation for isolated ductal origin of the pulmonary artery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 148, 2235-2244.e1	1.5	14
18	Surgical pulmonary valve replacement: a benchmark for outcomes comparisons. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 148, 1450-3	1.5	42
17	Contemporary results of surgical repair of recurrent aortic arch obstruction. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 133-40; discussion 140-1	2.7	16
16	Aortic arch advancement for aortic coarctation and hypoplastic aortic arch in neonates and infants. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 625-33; discussion 633	2.7	39
15	Neuroprotective strategies--what do we really need to know?. <i>Pediatric Cardiac Surgery Annual</i> , <b>2014</b> , 17, 77-80	2.1	
14	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> , <b>2014</b> , 147, 678-86.e1; discussion 685-6	1.5	83
13	The disadvantaged right ventricle in hypoplastic left heart syndrome: additional insight. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 148, 2419	1.5	
12	Interleukin 10 knockout frail mice develop cardiac and vascular dysfunction with increased age. <i>Experimental Gerontology</i> , <b>2013</b> , 48, 128-35	4.5	72
11	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> , <b>2013</b> , 1291, 96-105	6.5	17
10	The frequency response of cerebral autoregulation. <i>Journal of Applied Physiology</i> , <b>2013</b> , 115, 52-6	3.7	40

9	Positive end-expiratory pressure oscillation facilitates brain vascular reactivity monitoring. <i>Journal of Applied Physiology</i> , <b>2012</b> , 113, 1362-8	3.7	28
8	Acute cholecystitis preceding mycotic aortic pseudoaneurysm in a heart transplant recipient. <i>Journal of Cardiac Surgery</i> , <b>2010</b> , 25, 749-51	1.3	4
7	Congenital heart surgery in the adult. <i>Texas Heart Institute Journal</i> , <b>2010</b> , 37, 662-4	0.8	
6	Management of systemic outlet obstruction in patients undergoing single ventricle palliation. <i>Pediatric Cardiac Surgery Annual</i> , <b>2009</b> , 70-5	2.1	19
5	Principles of antegrade cerebral perfusion during arch reconstruction in newborns/infants. <i>Pediatric Cardiac Surgery Annual</i> , <b>2008</b> , 61-8	2.1	59
4	28 years experience with transatrial-transpulmonary repair of atrioventricular septal defect with tetralogy of Fallot. Invited commentary. <i>Annals of Thoracic Surgery</i> , <b>2008</b> , 85, 1690	2.7	
3	AN IN VITRO CONTRACTILE STUDY IN PEDIATRIC HUMAN HEARTS WITH CONGENITAL HEART DISEASE. <i>FASEB Journal</i> , <b>2007</b> , 21, A1262	0.9	
2	Preliminary experience with the MicroMed DeBakey pediatric ventricular assist device. <i>Pediatric Cardiac Surgery Annual</i> , <b>2006</b> , 109-14	2.1	39
1	Quality Measures for Congenital and Pediatric Cardiac Surgery		1