Ryan R Davies

List of Publications by Year in Descending Order

112 papers	4,299 citations	31 h-index	64 g-index
145 ext. papers	5,125 ext. citations	2.2 avg, IF	5.03 L-index

#	Paper	IF	Citations
112	Commentary: To vent or not, that is the question. *JTCVS Open*, **2022**,	0.2	
111	Patient and Device Selection in Pediatric MCS: A Review of Current Consensus and Unsettled Questions.. *Pediatric Cardiology*, **2022**, 1	2.1	0
110	Fifth Annual Pediatric Interagency Registry for Mechanical Circulatory Support (Pedimacs) Report. *Annals of Thoracic Surgery*, **2021**, 112, 1763-1774	2.7	7
109	Commentary: Donor-Recipient Size Mismatch in Heart Transplantation: An Independent Risk Factor for Worse Outcomes or a Marker for Cofounders?. *Seminars in Thoracic and Cardiovascular Surgery*, **2021**,	1.7	
108	Using virtual reality simulated implantation for fit-testing pediatric patients for adult ventricular assist devices. *JTCVS Techniques*, **2021**, 6, 134-137	0.2	8
107	Center Donor Refusal Rate Is Associated With Worse Outcomes After Listing in Pediatric Heart Transplantation. *Transplantation*, **2021**, 105, 2080-2085	1.8	1
106	Heart Failure After Cavopulmonary Connection: Conversion to Biventricular Circulatory Support. *Annals of Thoracic Surgery*, **2021**, 112, e185-e188	2.7	2
105	Commentary: Chicken or egg: Does risk-adjustment hide the deleterious consequences of bridging to transplant with temporary devices?. *Journal of Thoracic and Cardiovascular Surgery*, **2020**,	1.5	
104	Review of the discard and/or refusal rate of offered donor hearts to pediatric waitlisted candidates. *Pediatric Transplantation*, **2020**, 24, e13674	1.8	3
103	Early Surgical Closure of Atrial Septal Defect Improves Clinical Status of Symptomatic Young Children with Underlying Pulmonary Abnormalities. *Pediatric Cardiology*, **2020**, 41, 1115-1124	2.1	3
102	A change of heart: Preliminary results of the US 2018 adult heart allocation revision. *American Journal of Transplantation*, **2020**, 20, 2781-2790	8.7	51
101	A comprehensive strategy in donor acceptance: Impact on pediatric waitlist and heart transplant outcomes. *Pediatric Transplantation*, **2020**, 24, e13764	1.8	3
100	Review of interactions between high-risk pediatric heart transplant recipients and marginal donors including utilization of risk score models. *Pediatric Transplantation*, **2020**, 24, e13665	1.8	4
99	Pediatric cardiac waitlist mortality-Still too high. *Pediatric Transplantation*, **2020**, 24, e13671	1.8	9
98	Pediatric donor management to optimize donor heart utilization. *Pediatric Transplantation*, **2020**, 24, e13679	1.8	2
97	Review of the impact of donor characteristics on pediatric heart transplant outcomes. *Pediatric Transplantation*, **2020**, 24, e13680	1.8	3
96	Heart transplantation in an infant with Williams-Beuren syndrome and rapidly progressive ischemic cardiomyopathy. *Pediatric Transplantation*, **2020**, 24, e13688	1.8	1

95	Commentary in reply to Cogswell et al.: An early investigation of outcomes with the new 2018 donor heart allocation system in the United States. *Journal of Heart and Lung Transplantation*, **2020**, 39, 726-728	5.8	2
94	Early experience with the HeartMate 3 continuous-flow ventricular assist device in pediatric patients and patients with congenital heart disease: A multicenter registry analysis. *Journal of Heart and Lung Transplantation*, **2020**, 39, 573-579	5.8	29
93	Behavioral economics-A framework for donor organ decision-making in pediatric heart transplantation. *Pediatric Transplantation*, **2020**, 24, e13655	1.8	6
92	Effects of donor cause of death, ischemia time, inotrope exposure, troponin values, cardiopulmonary resuscitation, electrocardiographic and echocardiographic data on recipient outcomes: A review of the literature. *Pediatric Transplantation*, **2020**, 24, e13676	1.8	4
91	Mitral Valve Surgery in the First Year of Life. *Pediatric Cardiology*, **2020**, 41, 334-340	2.1	5
90	Utilization and outcomes in biventricular assist device support in pediatrics. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 160, 1301-1308.e2	1.5	5
89	Commentary: Not safe at any flow: The challenges of low-flow pediatric operation of adult continuous-flow ventricular assist devices. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 159, 1530-1531	1.5	
88	Invited Commentary. *Annals of Thoracic Surgery*, **2020**, 110, 205-206	2.7	
87	Commentary: How long until a new heart is a "normal" heart in transplanted single-ventricle patients?. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 159, 1997-1998	1.5	
86	Variability in donor selection among pediatric heart transplant providers: Results from an international survey. *Pediatric Transplantation*, **2019**, 23, e13417	1.8	15
85	Commentary: The end of the beginning: The evolving role of mechanical circulatory support in children with heart failure. *Journal of Thoracic and Cardiovascular Surgery*, **2019**, 158, 1444-1445	1.5	
84	Commentary: The future fourth stage of single-ventricle palliation. *Journal of Thoracic and Cardiovascular Surgery*, **2019**, 158, 1639-1640	1.5	
83	Feasibility of real-time cine cardiac magnetic resonance imaging to predict the presence of significant retrosternal adhesions prior to redo-sternotomy. *Journal of Cardiovascular Magnetic Resonance*, **2019**, 21, 67	6.9	2
82	Donor organ turn-downs and outcomes after listing for pediatric heart transplant. *Journal of Heart and Lung Transplantation*, **2019**, 38, 241-251	5.8	23
81	Worldwide Experience of a Durable Centrifugal Flow Pump in Pediatric Patients. *Seminars in Thoracic and Cardiovascular Surgery*, **2018**, 30, 327-335	1.7	33
80	Short-Term Mechanical Cardiopulmonary Support Devices **2018**, 683-697		1
79	Invited Commentary. *Annals of Thoracic Surgery*, **2018**, 106, 567	2.7	
78	Pediatric Cardiologist and the Infant or Child before Heart Transplantation **2018**, 105-115		

77	Cardiac Support Devices and Their Use in Infants and Children in the Overall Strategy of Cardiac Transplantation **2018**, 709-727		
76	Cardiac Support Devices and Their Use in Infants and Children in the Overall Strategy of Cardiac Transplantation **2018**, 1-19		
75	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	5.8	39
74	Changes in renal function after left ventricular assist device placement in pediatric patients: A Pedimacs analysis. *Journal of Heart and Lung Transplantation*, **2018**, 37, 1218-1225	5.8	8
73	Surgical Management and Outcomes of Ebstein Anomaly in Neonates and Infants: A Society of Thoracic Surgeons Congenital Heart Surgery Database Analysis. *Annals of Thoracic Surgery*, **2018**, 106, 785-791	2.7	16
72	Developmental screening in children with CHD: Ages and Stages Questionnaires. *Cardiology in the Young*, **2017**, 27, 1447-1454	1	14
71	Invited Commentary. *Annals of Thoracic Surgery*, **2017**, 103, 1320-1321	2.7	
70	Invited Commentary. *Annals of Thoracic Surgery*, **2017**, 104, 1618-1619	2.7	
69	Urgent listing exceptions and outcomes in pediatric heart transplantation: Comparison to standard criteria patients. *Journal of Heart and Lung Transplantation*, **2017**, 36, 280-288	5.8	8
68	Assessment of Growth 6 Years after the Norwood Procedure. *Journal of Pediatrics*, **2017**, 180, 270-274.e6	3.6	16
67	Pediatric Cardiologist and the Infant or Child before Heart Transplantation **2017**, 1-11		
66	Utilization and Outcomes of Temporary Ventricular Assist Devices in Children: A Report from the Pediatric Interagency Registry for Mechanical Circulatory Support (Pedimacs). *Journal of Heart and Lung Transplantation*, **2016**, 35, S45-S46	5.8	8
65	Evidence supports severe renal insufficiency as a relative contraindication to heart transplantation. *Journal of Heart and Lung Transplantation*, **2016**, 35, 893-900	5.8	11
64	Emergent Interhospital Transport of Pediatric Patient With a Berlin Heart Device. *Air Medical Journal*, **2016**, 35, 314-6	1	1
63	Surgical Reconstruction for Severe Tracheal Obstruction in Morquio A Syndrome. *Annals of Thoracic Surgery*, **2016**, 102, e329-31	2.7	32
62	First use of an intra-pericardial continuous flow ventricular assist device in a child with muscular dystrophy. *Cardiology in the Young*, **2015**, 25, 184-6	1	5
61	Low body mass index is associated with increased waitlist mortality among children listed for heart transplant. *Journal of Heart and Lung Transplantation*, **2015**, 34, 1462-70	5.8	15
60	A range of options for staged palliation of hypoplastic left heart syndrome. *Journal of Thoracic and Cardiovascular Surgery*, **2015**, 150, 436-7	1.5	1

59	Hybrid palliation for critical systemic outflow obstruction: neither rapid stage 1 Norwood nor comprehensive stage 2 mitigate consequences of early risk factors. *Journal of Thoracic and Cardiovascular Surgery*, **2015**, 149, 182-91	1.5	16
58	Predicting utility of exercise tests based on history/holter in patients with premature ventricular contractions. *Pediatric Cardiology*, **2015**, 36, 214-8	2.1	5
57	Can linking databases answer questions about paediatric heart failure?. *Cardiology in the Young*, **2015**, 25 Suppl 2, 160-6	1	7
56	Decision-Making for Surgery in the Management of Patients with Univentricular Heart. *Frontiers in Pediatrics*, **2015**, 3, 61	3.4	14
55	Improving early outcomes following hybrid procedure for patients with single ventricle and systemic outflow obstruction: defining risk factors. *European Journal of Cardio-thoracic Surgery*, **2015**, 47, 995-1000; discussion 1000-1	3	8
54	Invited commentary. *Annals of Thoracic Surgery*, **2014**, 98, 1441-2	2.7	
53	Creation of a quantitative score to predict the need for mechanical support in children awaiting heart transplant. *Annals of Thoracic Surgery*, **2014**, 98, 675-82; discussion 682-4	2.7	5
52	Laryngopharyngeal dysfunction independent of vocal fold palsy in infants after aortic arch interventions. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 148, 617-24.e2	1.5	11
51	Ventricular assist devices as a bridge-to-transplant improve early post-transplant outcomes in children. *Journal of Heart and Lung Transplantation*, **2014**, 33, 704-12	5.8	41
50	Longitudinal assessment of growth in hypoplastic left heart syndrome: results from the single ventricle reconstruction trial. *Journal of the American Heart Association*, **2014**, 3, e000079	6	39
49	Neurodevelopmental outcomes after infant cardiac surgery with circulatory arrest and intermittent perfusion. *Annals of Thoracic Surgery*, **2014**, 98, 119-24	2.7	6
48	Bilateral pulmonary arterial banding results in an increased need for subsequent pulmonary artery interventions. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 147, 706-12	1.5	51
47	Current spectrum of surgical procedures performed for Ebstein's malformation: an analysis of the Society of Thoracic Surgeons Congenital Heart Surgery Database. *Annals of Thoracic Surgery*, **2013**, 96, 1703-9; discussion 1709-10	2.7	27
46	Gastrointestinal complications after stage I Norwood versus hybrid procedures. *Annals of Thoracic Surgery*, **2013**, 95, 189-95; discussion 195-6	2.7	20
45	Association of pulmonary conduit type and size with durability in infants and young children. *Annals of Thoracic Surgery*, **2013**, 96, 1695-701; discussion 1701-2	2.7	70
44	Improving Outcomes in Children Requiring Mechanical Bridge-To-Transplantation (BTT) in the Current Era. *Journal of Heart and Lung Transplantation*, **2013**, 32, S107	5.8	2
43	Predictive value of perioperative near-infrared spectroscopy for neurodevelopmental outcomes after cardiac surgery in infancy. *Journal of Thoracic and Cardiovascular Surgery*, **2013**, 145, 438-445.e1; discussion 444-5	1.5	44
42	Lower socioeconomic status is associated with worse outcomes after both listing and transplanting children with heart failure. *Pediatric Transplantation*, **2013**, 17, 573-81	1.8	22

41	Regional variation in survival before and after pediatric heart transplantation--an analysis of the UNOS database. *American Journal of Transplantation*, **2013**, 13, 1817-29	8.7	9
40	Surgical reconstruction of tracheal stenosis in conjunction with congenital heart defects. *Annals of Thoracic Surgery*, **2012**, 93, 1266-72; discussion 1272-3	2.7	25
39	Midterm results of the modified Ross/Konno procedure in neonates and infants. *Annals of Thoracic Surgery*, **2012**, 94, 156-62; discussion 162-3	2.7	25
38	Invited commentary. *Annals of Thoracic Surgery*, **2012**, 93, 1590-1	2.7	
37	Outcomes after transplantation for "failed" Fontan: a single-institution experience. *Journal of Thoracic and Cardiovascular Surgery*, **2012**, 143, 1183-1192.e4	1.5	107
36	Using the UNOS/SRTR and PHTS Databases to Improve Quality in Pediatric Cardiac Transplantation. *World Journal for Pediatric & Congenital Heart Surgery*, **2012**, 3, 421-32	1.1	14
35	What is high risk? Redefining elevated pulmonary vascular resistance index in pediatric heart transplantation. *Journal of Heart and Lung Transplantation*, **2012**, 31, 61-6	5.8	28
34	Increased short- and long-term mortality at low-volume pediatric heart transplant centers: should minimum standards be set? Retrospective data analysis. *Annals of Surgery*, **2011**, 253, 393-401	7.8	31
33	Age less than two years is not a risk factor for mortality after mitral valve replacement in children. *Annals of Thoracic Surgery*, **2011**, 91, 1228-34	2.7	17
32	Invited commentary. *Annals of Thoracic Surgery*, **2011**, 92, 913	2.7	
31	Invited commentary. *Annals of Thoracic Surgery*, **2011**, 92, 1389-90	2.7	
30	The Fontan procedure: evolution in technique; attendant imperfections and transplantation for "failure". *Pediatric Cardiac Surgery Annual*, **2011**, 14, 55-66	2.1	26
29	Listing and transplanting adults with congenital heart disease. *Circulation*, **2011**, 123, 759-67	16.7	129
28	Post-heart transplant survival is inferior at low-volume centers across all risk strata. *Circulation*, **2010**, 122, S85-91	16.7	46
27	High lung allocation score is associated with increased morbidity and mortality following transplantation. *Chest*, **2010**, 137, 651-7	5.3	100
26	The effect of body mass index on survival following heart transplantation: do outcomes support consensus guidelines?. *Annals of Surgery*, **2010**, 251, 144-52	7.8	85
25	Standard versus bicaval techniques for orthotopic heart transplantation: an analysis of the United Network for Organ Sharing database. *Journal of Thoracic and Cardiovascular Surgery*, **2010**, 140, 700-8, 708.e1-2	1.5	79
24	Transplantation for the failed Fontan. *Progress in Pediatric Cardiology*, **2009**, 26, 21-29	0.4	3

23	Posttransplant survival is not diminished in heart transplant recipients bridged with implantable left ventricular assist devices. *Journal of Thoracic and Cardiovascular Surgery*, **2009**, 138, 1425-32.e1-3	1.5	61
22	Who is the high-risk recipient? Predicting mortality after lung transplantation using pretransplant risk factors. *Journal of Thoracic and Cardiovascular Surgery*, **2009**, 138, 1234-1238.e1	1.5	56
21	Matching high-risk recipients with marginal donor hearts is a clinically effective strategy. *Annals of Thoracic Surgery*, **2009**, 87, 1066-70; discussion 1071	2.7	46
20	Despite decreased wait-list times for lung transplantation, lung allocation scores continue to increase. *Chest*, **2009**, 135, 923-928	5.3	46
19	Predicting survival among high-risk pediatric cardiac transplant recipients: an analysis of the United Network for Organ Sharing database. *Journal of Thoracic and Cardiovascular Surgery*, **2008**, 135, 147-55, 155.e1-2	1.5	56
18	The use of mechanical circulatory support as a bridge to transplantation in pediatric patients: an analysis of the United Network for Organ Sharing database. *Journal of Thoracic and Cardiovascular Surgery*, **2008**, 135, 421-7, 427.e1	1.5	78
17	Cardiac Surgery in the Neonate with Congenital Heart Disease **2008**, 355-375		
16	Pediatric Perfusion Techniques for Complex Congenital Cardiac Surgery **2008**, 29-58		2
15	The effect of ischemic time on survival after heart transplantation varies by donor age: an analysis of the United Network for Organ Sharing database. *Journal of Thoracic and Cardiovascular Surgery*, **2007**, 133, 554-9	1.5	161
14	Natural history of ascending aortic aneurysms in the setting of an unreplaced bicuspid aortic valve. *Annals of Thoracic Surgery*, **2007**, 83, 1338-44	2.7	229
13	Thoracic Surgery Directors Association Award. What is the optimal management of late-presenting survivors of acute type A aortic dissection?. *Annals of Thoracic Surgery*, **2007**, 83, 1593-601; discussion 1601-2	2.7	27
12	Invited commentary. *Annals of Thoracic Surgery*, **2007**, 84, 1262-3	2.7	
11	Adult-age donors offer acceptable long-term survival to pediatric heart transplant recipients: an analysis of the United Network of Organ Sharing database. *Journal of Thoracic and Cardiovascular Surgery*, **2006**, 132, 1208-12	1.5	10
10	Novel measurement of relative aortic size predicts rupture of thoracic aortic aneurysms. *Annals of Thoracic Surgery*, **2006**, 81, 169-77	2.7	396
9	Familial thoracic aortic aneurysms and dissections--incidence, modes of inheritance, and phenotypic patterns. *Annals of Thoracic Surgery*, **2006**, 82, 1400-5	2.7	321
8	Indications, timing, and prognosis of operative repair of aortic dissections. *Seminars in Thoracic and Cardiovascular Surgery*, **2005**, 17, 224-35	1.7	22
7	The effect of repair technique on postoperative right-sided obstruction in patients with truncus arteriosus. *Journal of Thoracic and Cardiovascular Surgery*, **2005**, 129, 559-68	1.5	36
6	Trends and outcomes in transplantation for complex congenital heart disease: 1984 to 2004. *Annals of Thoracic Surgery*, **2004**, 78, 1352-61; discussion 1352-61	2.7	108

5	Yearly rupture or dissection rates for thoracic aortic aneurysms: simple prediction based on size. *Annals of Thoracic Surgery*, **2002**, 73, 17-27; discussion 27-8	2.7	712
4	Stroke in surgery of the thoracic aorta: incidence, impact, etiology, and prevention. *Journal of Thoracic and Cardiovascular Surgery*, **2001**, 122, 935-45	1.5	74
3	Low Molecular Weight Heparin: An Evaluation of Current and Potential Clinical Utility in Surgery. *International Journal of Angiology*, **1999**, 8, 203-215	1.1	
2	Familial patterns of thoracic aortic aneurysms. *Archives of Surgery*, **1999**, 134, 361-7		230
1	Interval or permanent nonoperative management of acute type A aortic dissection. *Archives of Surgery*, **1999**, 134, 402-5; discussion 405-6		60