

# Phillip M Trusty

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/11604035/phillip-m-trusty-publications-by-year.pdf>

**Version:** 2024-04-24

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.

21  
papers

289  
citations

11  
h-index

16  
g-index

22  
ext. papers

363  
ext. citations

2.9  
avg, IF

3.47  
L-index

#	Paper	IF	Citations
21	Non-Newtonian Effects on Patient-Specific Modeling of Fontan Hemodynamics. <i>Annals of Biomedical Engineering</i> , <b>2020</b> , 48, 2204-2217	4.7	10
20	Computational modeling of a right-sided Fontan assist device: Effectiveness across patient anatomies and cannulations. <i>Journal of Biomechanics</i> , <b>2020</b> , 109, 109917	2.9	3
19	Target Flow-Pressure Operating Range for Designing a Failing Fontan Cavopulmonary Support Device. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2020</b> , 67, 2925-2933	5	2
18	The role of flow stasis in transcatheter aortic valve leaflet thrombosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> ,	1.5	7
17	Cardiac Magnetic Resonance-Derived Metrics Are Predictive of Liver Fibrosis in Fontan Patients. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 109, 1904-1911	2.7	15
16	Impact of Free-Breathing Phase-Contrast MRI on Decision-Making in Fontan Surgical Planning. <i>Journal of Cardiovascular Translational Research</i> , <b>2020</b> , 13, 640-647	3.3	5
15	Cross-Sectional Magnetic Resonance and Modeling Comparison From Just After Fontan to the Teen Years. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 109, 574-582	2.7	2
14	Y-graft modification to the Fontan procedure: Increasingly balanced flow over time. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 159, 652-661	1.5	10
13	Analysis of Inlet Velocity Profiles in Numerical Assessment of Fontan Hemodynamics. <i>Annals of Biomedical Engineering</i> , <b>2019</b> , 47, 2258-2270	4.7	16
12	An in vitro analysis of the PediMag and CentriMag for right-sided failing Fontan support. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 158, 1413-1421	1.5	7
11	Neosinus Flow Stasis Correlates With Thrombus Volume Post-TAVR: A Patient-Specific In vitro Study. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 1288-1290	5	9
10	The first cohort of prospective Fontan surgical planning patients with follow-up data: How accurate is surgical planning?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 1146-1155	1.5	20
9	In Vitro Examination of the Ventriflo True Pulse Pump for Failing Fontan Support. <i>Artificial Organs</i> , <b>2019</b> , 43, 181-188	2.6	5
8	The effect of respiration-driven flow waveforms on hemodynamic metrics used in Fontan surgical planning. <i>Journal of Biomechanics</i> , <b>2019</b> , 82, 87-95	2.9	13
7	Impact of hemodynamics and fluid energetics on liver fibrosis after Fontan operation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 156, 267-275	1.5	22
6	Fontan Surgical Planning: Previous Accomplishments, Current Challenges, and Future Directions. <i>Journal of Cardiovascular Translational Research</i> , <b>2018</b> , 11, 133-144	3.3	36
5	Using a Novel In Vitro Fontan Model and Condition-Specific Real-Time MRI Data to Examine Hemodynamic Effects of Respiration and Exercise. <i>Annals of Biomedical Engineering</i> , <b>2018</b> , 46, 135-147	4.7	14

4	The Advantages of Viscous Dissipation Rate over Simplified Power Loss as a Fontan Hemodynamic Metric. <i>Annals of Biomedical Engineering</i> , <b>2018</b> , 46, 404-416	4.7	23
3	Can time-averaged flow boundary conditions be used to meet the clinical timeline for Fontan surgical planning?. <i>Journal of Biomechanics</i> , <b>2017</b> , 50, 172-179	2.9	27
2	Local Hemodynamic Differences Between Commercially Available Y-Grafts and Traditional Fontan Baffles Under Simulated Exercise Conditions: Implications for Exercise Tolerance. <i>Cardiovascular Engineering and Technology</i> , <b>2017</b> , 8, 390-399	2.2	14
1	A pulsatile hemodynamic evaluation of the commercially available bifurcated Y-graft Fontan modification and comparison with the lateral tunnel and extracardiac conduits. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2016</b> , 151, 1529-36	1.5	28