

Jeffrey A Feinstein

List of Publications by Year in descending order

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133
papers

8,784
citations

61984

43
h-index

43889

91
g-index

136
all docs

136
docs citations

136
times ranked

7605
citing authors

#	ARTICLE	IF	CITATIONS
1	Pediatric Pulmonary Hypertension. <i>Circulation</i> , 2015, 132, 2037-2099.	1.6	879
2	Noninherited Risk Factors and Congenital Cardiovascular Defects: Current Knowledge. <i>Circulation</i> , 2007, 115, 2995-3014.	1.6	663
3	Indications for Cardiac Catheterization and Intervention in Pediatric Cardiac Disease. <i>Circulation</i> , 2011, 123, 2607-2652.	1.6	642
4	A Novel Echocardiographic Doppler Method for Estimation of Pulmonary Arterial Pressures. <i>Journal of the American Society of Echocardiography</i> , 2006, 19, 559-562.	2.8	561
5	Balloon Pulmonary Angioplasty for Treatment of Chronic Thromboembolic Pulmonary Hypertension. <i>Circulation</i> , 2001, 103, 10-13.	1.6	436
6	Hypoplastic Left Heart Syndrome. <i>Journal of the American College of Cardiology</i> , 2012, 59, S1-S42.	2.8	433
7	Capillary cell-type specialization in the alveolus. <i>Nature</i> , 2020, 586, 785-789.	27.8	231
8	Electrical Resynchronization. <i>Circulation</i> , 2003, 107, 2287-2289.	1.6	196
9	Transcatheter closure of postinfarction ventricular septal defects using the new Amplatzer muscular VSD occluder: Results of a U.S. Registry. <i>Catheterization and Cardiovascular Interventions</i> , 2004, 61, 196-201.	1.7	192
10	Evaluation of a novel Y-shaped extracardiac Fontan baffle using computational fluid dynamics. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, 394-403.e2.	0.8	181
11	Hot Topics in Tetralogy of Fallot. <i>Journal of the American College of Cardiology</i> , 2013, 62, 2155-2166.	2.8	175
12	Evaluation and Management of Pulmonary Hypertension in Children with Bronchopulmonary Dysplasia. <i>Journal of Pediatrics</i> , 2017, 188, 24-34.e1.	1.8	175
13	Ketamine Does Not Increase Pulmonary Vascular Resistance in Children with Pulmonary Hypertension Undergoing Sevoflurane Anesthesia and Spontaneous Ventilation. <i>Anesthesia and Analgesia</i> , 2007, 105, 1578-1584.	2.2	149
14	Effects of Exercise and Respiration on Hemodynamic Efficiency in CFD Simulations of the Total Cavopulmonary Connection. <i>Annals of Biomedical Engineering</i> , 2007, 35, 250-263.	2.5	134
15	Sildenafil for Severe Lymphatic Malformations. <i>New England Journal of Medicine</i> , 2012, 366, 384-386.	27.0	133
16	Usefulness of epoprostenol therapy in the severely ill adolescent/adult with Eisenmenger physiology. <i>American Journal of Cardiology</i> , 2003, 91, 632-635.	1.6	128
17	Preoperative management of pulmonary venous hypertension in hypoplastic left heart syndrome with restrictive atrial septal defect. <i>American Journal of Cardiology</i> , 1999, 83, 1224-1228.	1.6	121
18	Computational Simulations for Aortic Coarctation: Representative Results From a Sampling of Patients. <i>Journal of Biomechanical Engineering</i> , 2011, 133, 091008.	1.3	120

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19	Morphometry-Based Impedance Boundary Conditions for Patient-Specific Modeling of Blood Flow in Pulmonary Arteries. <i>Annals of Biomedical Engineering</i> , 2007, 35, 546-559.	2.5	117
20	A computational framework for derivative-free optimization of cardiovascular geometries. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2008, 197, 1890-1905.	6.6	113
21	Wall Shear Stress is Decreased in the Pulmonary Arteries of Patients with Pulmonary Arterial Hypertension: An Image-Based, Computational Fluid Dynamics Study. <i>Pulmonary Circulation</i> , 2012, 2, 470-476.	1.7	109
22	Implications of the U.S. Food and Drug Administration Warning against the Use of Sildenafil for the Treatment of Pediatric Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 572-575.	5.6	99
23	ACC 2009 Survey Results and Recommendations: Addressing the Cardiology Workforce Crisis. <i>Journal of the American College of Cardiology</i> , 2009, 54, 1195-1208.	2.8	96
24	Diagnostic evaluation of paediatric pulmonary hypertension in current clinical practice. <i>European Respiratory Journal</i> , 2013, 42, 689-700.	6.7	93
25	Pulmonary Hypertension Associated With Congenital Heart Disease. <i>Chest</i> , 2010, 137, 52S-61S.	0.8	89
26	Regression of severe pulmonary arteriovenous malformations after Fontan revision and hepatic factor rerouting. <i>Annals of Thoracic Surgery</i> , 2004, 78, 697-699.	1.3	83
27	Computational Simulations Demonstrate Altered Wall Shear Stress in Aortic Coarctation Patients Treated by Resection with End-to-end Anastomosis. <i>Congenital Heart Disease</i> , 2011, 6, 432-443.	0.2	76
28	Majewski Osteodysplastic Primordial Dwarfism Type II (MOPD II): Expanding the vascular phenotype. <i>American Journal of Medical Genetics, Part A</i> , 2010, 152A, 960-965.	1.2	75
29	Hepatic blood flow distribution and performance in conventional and novel Y-graft Fontan geometries: A case series computational fluid dynamics study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 1086-1097.	0.8	74
30	Three-Dimensional Hemodynamics in the Human Pulmonary Arteries Under Resting and Exercise Conditions. <i>Annals of Biomedical Engineering</i> , 2011, 39, 347-358.	2.5	71
31	A Novel Non-Invasive Method of Estimating Pulmonary Vascular Resistance in Patients With Pulmonary Arterial Hypertension. <i>Journal of the American Society of Echocardiography</i> , 2009, 22, 523-529.	2.8	70
32	Perioperative complications in children with pulmonary hypertension undergoing general anesthesia with ketamine. <i>Paediatric Anaesthesia</i> , 2010, 20, 28-37.	1.1	70
33	Recommendations for the Use of Inhaled Nitric Oxide Therapy in Premature Newborns with Severe Pulmonary Hypertension. <i>Journal of Pediatrics</i> , 2016, 170, 312-314.	1.8	70
34	Constrained optimization of an idealized Y-shaped baffle for the Fontan surgery at rest and exercise. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2010, 199, 2135-2149.	6.6	66
35	Short- and Long-Term Outcomes of Necrotizing Enterocolitis in Infants With Congenital Heart Disease. <i>Pediatrics</i> , 2009, 123, e901-e906.	2.1	65
36	Children with pulmonary arterial hypertension and prostanoid therapy: Long-term hemodynamics. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, 546-552.	0.6	62

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37	Flow simulations and validation for the first cohort of patients undergoing the Y-graft Fontan procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 247-255.	0.8	62
38	Using cardiac phase-to-order reconstruction (CAPTOR): A method to improve diastolic images. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 794-798.	3.4	60
39	Extension of Doppler-Derived Echocardiographic Measures of Pulmonary Vascular Resistance to Patients with Moderate or Severe Pulmonary Vascular Disease. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 711-714.	2.8	59
40	A primer on computational simulation in congenital heart disease for the clinician. <i>Progress in Pediatric Cardiology</i> , 2010, 30, 3-13.	0.4	57
41	Identifying cardiac transplant rejection in children: diagnostic utility of echocardiography, right heart catheterization and endomyocardial biopsy data. <i>Journal of Heart and Lung Transplantation</i> , 2004, 23, 323-329.	0.6	53
42	Hemodynamic Effects of Phenylephrine, Vasopressin, and Epinephrine in Children With Pulmonary Hypertension: A Pilot Study*. <i>Pediatric Critical Care Medicine</i> , 2016, 17, 428-437.	0.5	48
43	Congenital extrahepatic portosystemic shunt associated with heterotaxy and polysplenia. <i>Pediatric Radiology</i> , 2010, 40, 1222-1230.	2.0	45
44	Optimization of a Y-Graft Design for Improved Hepatic Flow Distribution in the Fontan Circulation. <i>Journal of Biomechanical Engineering</i> , 2013, 135, 011002.	1.3	45
45	Comparison of contrast echocardiography versus cardiac catheterization for detection of pulmonary arteriovenous malformations. <i>American Journal of Cardiology</i> , 2002, 89, 281-285.	1.6	44
46	A Rapid and Computationally Inexpensive Method to Virtually Implant Current and Next-Generation Stents into Subject-Specific Computational Fluid Dynamics Models. <i>Annals of Biomedical Engineering</i> , 2011, 39, 1423-1437.	2.5	44
47	Computational modeling and engineering in pediatric and congenital heart disease. <i>Current Opinion in Pediatrics</i> , 2015, 27, 587-596.	2.0	43
48	Blood flow conditions in the proximal pulmonary arteries and vena cavae: healthy children during upright cycling exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H921-H926.	3.2	41
49	Proximal pulmonary artery blood flow characteristics in healthy subjects measured in an upright posture using MRI: The effects of exercise and age. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 21, 752-758.	3.4	41
50	New Insights into Pacemaker Lead-Induced Venous Occlusion: Simulation-Based Investigation of Alterations in Venous Biomechanics. <i>Cardiovascular Engineering (Dordrecht, Netherlands)</i> , 2010, 10, 84-90.	1.0	41
51	Death or resolution: the "natural history" of pulmonary hypertension in bronchopulmonary dysplasia. <i>Journal of Perinatology</i> , 2019, 39, 415-425.	2.0	39
52	A New Multiparameter Approach to Computational Simulation for Fontan Assessment and Redesign. <i>Congenital Heart Disease</i> , 2010, 5, 104-117.	0.2	38
53	Evolution of hemodynamic forces in the pulmonary tree with progressively worsening pulmonary arterial hypertension in pediatric patients. <i>Biomechanics and Modeling in Mechanobiology</i> , 2019, 18, 779-796.	2.8	38
54	Aortic coarctation: Recent developments in experimental and computational methods to assess treatments for this simple condition. <i>Progress in Pediatric Cardiology</i> , 2010, 30, 45-49.	0.4	37

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55	Angina Associated With Left Main Coronary Artery Compression in Pulmonary Hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2009, 28, 527-530.	0.6	32
56	Diminished right ventricular function at diagnosis of pulmonary hypertension is associated with mortality in bronchopulmonary dysplasia. <i>Pulmonary Circulation</i> , 2019, 9, 1-11.	1.7	31
57	Noninvasive Assessment of Pulmonary Arterial Capacitance by Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2007, 20, 186-190.	2.8	30
58	Unifocalization of Major Aortopulmonary Collaterals in Single-Ventricle Patients. <i>Annals of Thoracic Surgery</i> , 2006, 82, 934-939.	1.3	29
59	Pulmonary reperfusion injury after the unifocalization procedure for tetralogy of Fallot, pulmonary atresia, and major aortopulmonary collateral arteries. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 144, 184-189.	0.8	29
60	Food and Drug Administration (FDA) Postmarket Reported Side Effects and Adverse Events Associated with Pulmonary Hypertension Therapy in Pediatric Patients. <i>Pediatric Cardiology</i> , 2013, 34, 1628-1636.	1.3	29
61	Adaptive outflow boundary conditions improve post-operative predictions after repair of peripheral pulmonary artery stenosis. <i>Biomechanics and Modeling in Mechanobiology</i> , 2016, 15, 1345-1353.	2.8	27
62	A Computable Phenotype Improves Cohort Ascertainment in a Pediatric Pulmonary Hypertension Registry. <i>Journal of Pediatrics</i> , 2017, 188, 224-231.e5.	1.8	27
63	Accuracy of Pulse Oximeters Intended for Hypoxemic Pediatric Patients. <i>Pediatric Critical Care Medicine</i> , 2016, 17, 315-320.	0.5	26
64	Relative Lung Perfusion Distribution in Normal Lung Scans: Observations and Clinical Implications. <i>Congenital Heart Disease</i> , 2006, 1, 210-216.	0.2	24
65	Quantification of Local Hemodynamic Alterations Caused by Virtual Implantation of Three Commercially Available Stents for the Treatment of Aortic Coarctation. <i>Pediatric Cardiology</i> , 2014, 35, 732-740.	1.3	24
66	Practices surrounding pulmonary hypertension and bronchopulmonary dysplasia amongst neonatologists caring for premature infants. <i>Journal of Perinatology</i> , 2018, 38, 361-367.	2.0	24
67	Angiojet catheter-based thrombectomy in a neonate with postoperative pulmonary embolism. <i>Catheterization and Cardiovascular Interventions</i> , 2005, 66, 442-445.	1.7	22
68	Reported Sildenafil Side Effects in Pediatric Pulmonary Hypertension Patients. <i>Frontiers in Pediatrics</i> , 2015, 3, 12.	1.9	22
69	Technical feasibility and intermediate outcomes of using a handcrafted, area-preserving, bifurcated Y-graft modification of the Fontan procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 239-245.e1.	0.8	22
70	Racial and Ethnic Differences in Pediatric Pulmonary Hypertension: An Analysis of the Pediatric Pulmonary Hypertension Network Registry. <i>Journal of Pediatrics</i> , 2019, 211, 63-71.e6.	1.8	22
71	A method for quantitative characterization of growth in the 3-D structure of rat pulmonary arteries. <i>Microvascular Research</i> , 2012, 83, 146-153.	2.5	21
72	Neonatal pulmonary arterial hypertension and Noonan syndrome: Two fatal cases with a specific <i>RAF1</i> mutation. <i>American Journal of Medical Genetics, Part A</i> , 2015, 167, 882-885.	1.2	19

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73	Experience of Percutaneous Coronary Intervention in the Management of Pediatric Cardiac Allograft Vasculopathy. <i>Journal of Heart and Lung Transplantation</i> , 2005, 24, 769-773.	0.6	18
74	Electrical and mechanical dyssynchrony in pediatric pulmonary hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 825-830.	0.6	18
75	Surgical and Interventional Therapies for Pulmonary Arterial Hypertension. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2005, 26, 417-428.	2.1	17
76	ISHLT consensus statement: Perioperative management of patients with pulmonary hypertension and right heart failure undergoing surgery. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 1135-1194.	0.6	17
77	Computational simulation of the pulmonary arteries and its role in the study of pediatric pulmonary hypertension. <i>Progress in Pediatric Cardiology</i> , 2010, 30, 63-69.	0.4	16
78	A multiscale model for the study of cardiac biomechanics in single-ventricle surgeries: a clinical case. <i>Interface Focus</i> , 2015, 5, 20140079.	3.0	16
79	Computational simulation of postoperative pulmonary flow distribution in Alagille patients with peripheral pulmonary artery stenosis. <i>Congenital Heart Disease</i> , 2018, 13, 241-250.	0.2	16
80	Right ventricular stroke work correlates with outcomes in pediatric pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2018, 8, 1-9.	1.7	16
81	A technique for maintenance of airway access in infants with a difficult airway following tracheal extubation. <i>Paediatric Anaesthesia</i> , 2001, 11, 622-625.	1.1	15
82	Magnetic Resonance Imaging of the Right Ventricle in Pediatric Pulmonary Arterial Hypertension. <i>Pulmonary Circulation</i> , 2013, 3, 350-355.	1.7	15
83	2015 SPCTPD/ACC/AAP/AHA Training Guidelines for Pediatric Cardiology Fellowship Programs (Revision) <i>Circulation</i> , 2015, 132, e43-7.	1.6	15
84	Optimization of the Assisted Bidirectional Glenn Procedure for First Stage Single Ventricle Repair. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2018, 9, 157-170.	0.8	15
85	Oral treprostinil in transition or as add-on therapy in pediatric pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2019, 9, 1-8.	1.7	14
86	Patient-Specific Multiscale Modeling of the Assisted Bidirectional Glenn. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1232-1239.	1.3	14
87	Chronic effects of pulmonary artery stenosis on hemodynamic and structural development of the lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 304, L17-L28.	2.9	13
88	Virtual Transcatheter Interventions for Peripheral Pulmonary Artery Stenosis in Williams and Alagille Syndromes. <i>Journal of the American Heart Association</i> , 2022, 11, e023532.	3.7	13
89	Temporary IVC Filtration before Patent Foramen Ovale Closure in a Patient with Paradoxical Embolism. <i>Journal of Vascular and Interventional Radiology</i> , 2002, 13, 1275-1278.	0.5	12
90	Evaluation, Risk Stratification, and Management of Pulmonary Hypertension in Patients With Congenital Heart Disease. <i>Pediatric Cardiac Surgery Annual</i> , 2009, 12, 106-111.	1.2	12

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91	Computational fluid dynamic simulations for determination of ventricular workload in aortic arch obstructions. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 145, 489-495.e1.	0.8	12
92	Percutaneous pulmonary valve placement in a 10-month-old patient using a hand crafted stent-mounted porcine valve. <i>Catheterization and Cardiovascular Interventions</i> , 2006, 67, 644-649.	1.7	11
93	Subcutaneous treprostinil in pediatric patients with failing single-ventricle physiology. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 306-307.	0.6	11
94	Subcutaneous and Intravenous Treprostinil Pharmacokinetics in Children With Pulmonary Vascular Disease. <i>Journal of Cardiovascular Pharmacology</i> , 2019, 73, 383-393.	1.9	10
95	Angiographic Anatomy of Major Aortopulmonary Collateral Arteries and Association With Early Surgical Outcomes in Tetralogy of Fallot. <i>Journal of the American Heart Association</i> , 2020, 9, e017981.	3.7	9
96	Pediatric preventive cardiology. <i>Current Opinion in Cardiology</i> , 1997, 12, 70-77.	1.8	8
97	Task Force 7: Pediatric Cardiology Fellowship Training in Pulmonary Hypertension, Advanced Heart Failure, and Transplantation. <i>Journal of the American College of Cardiology</i> , 2015, 66, 732-739.	2.8	8
98	2015 SPCTPD/ACC/AAP/AHA Training Guidelines for Pediatric Cardiology Fellowship Programs (Revision) <i>Journal of the American College of Cardiology</i> , 2015, 66, 672-676.	2.8	8
99	Computational simulation-derived hemodynamic and biomechanical properties of the pulmonary arterial tree early in the course of ventricular septal defects. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021, 20, 2471-2489.	2.8	8
100	The Adult Congenital and Pediatric Cardiology Section. <i>Journal of the American College of Cardiology</i> , 2012, 59, 84-87.	2.8	7
101	Validation of the Innocor Device for Noninvasive Measurement of Oxygen Consumption in Children and Adults. <i>Pediatric Cardiology</i> , 2013, 34, 847-852.	1.3	7
102	CT-defined phenotype of pulmonary artery stenoses in Alagille syndrome. <i>Pediatric Radiology</i> , 2016, 46, 1120-1127.	2.0	7
103	Image-based scaling laws for somatic growth and pulmonary artery morphometry from infancy to adulthood. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H432-H442.	3.2	7
104	Outcomes in Patients with Alagille Syndrome and Complex Pulmonary Artery Disease. <i>Journal of Pediatrics</i> , 2021, 229, 86-94.e4.	1.8	7
105	Quantitative characterization of postnatal growth trends in proximal pulmonary arteries in rats by phase-contrast magnetic resonance imaging. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 301, L368-L379.	2.9	6
106	Central line replacement following infection does not improve reinfection rates in pediatric pulmonary hypertension patients receiving intravenous prostanoid therapy. <i>Pulmonary Circulation</i> , 2018, 8, 1-8.	1.7	5
107	Pulmonary hemorrhage in children with Alagille syndrome undergoing cardiac catheterization. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 95, 262-269.	1.7	5
108	Treprostinil improves hemodynamics and symptoms in children with mild pulmonary hypertension awaiting heart transplantation. <i>Pediatric Transplantation</i> , 2020, 24, e13742.	1.0	5

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109	Predictive Modeling of Secondary Pulmonary Hypertension in Left Ventricular Diastolic Dysfunction. <i>Frontiers in Physiology</i> , 2021, 12, 666915.	2.8	5
110	Task Force 7: Pediatric Cardiology Fellowship Training in Pulmonary Hypertension, Advanced Heart Failure, and Transplantation. <i>Circulation</i> , 2015, 132, e99-e106.	1.6	4
111	Hemodynamic trajectories and outcomes in patients with pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 204589402094134.	1.7	4
112	Comprehensive Echocardiographic Assessment of Ventricular Function and Pulmonary Pressure in the Neonatal Omphalocele Population. <i>American Journal of Perinatology</i> , 2020, 38, e109-e115.	1.4	4
113	Pharmacokinetics of Oral Treprostinil in Children With Pulmonary Arterial Hypertension. <i>Journal of Cardiovascular Pharmacology</i> , 2020, 76, 94-100.	1.9	3
114	Use of magnetic resonance imaging and computed tomography. <i>Cardiology in the Young</i> , 2009, 19, 16-22.	0.8	2
115	Computational Modeling and Personalized Surgery. , 2020, , 155-175.		2
116	Pulmonary Vascular Disease in the Single-Ventricle Patient: Is it Really Pulmonary Hypertension and if So, How and When Should We Treat it?. <i>Advances in Pulmonary Hypertension</i> , 2019, 18, 14-18.	0.1	2
117	Percutaneous transluminal coronary angioplasty in a two-month old with coronary stenosis presenting as congenital cardiomyopathy: Acute results and intermediate follow-up. <i>Catheterization and Cardiovascular Interventions</i> , 2006, 68, 632-636.	1.7	1
118	Endovascular Treatment Strategies for Coarctation of the Aorta. , 2006, , 363-374.		1
119	Will computational simulation in congenital heart disease ever make it out of the engineering lab and into the clinic?. <i>Therapy: Open Access in Clinical Medicine</i> , 2009, 6, 541-543.	0.2	0
120	A Computational Framework for Optimization and Uncertainty Quantification in Surgical Design for Pediatric Cardiology. , 2010, , .		0
121	A Coupled Computational Framework for Multiscale Modeling and Optimization of Single Ventricle Repair. , 2011, , .		0
122	A Public Repository of Image-Based Computational Models and Patient-Specific Blood Flow Simulation Results. , 2013, , .		0
123	Accelerometry: Improving Objective Assessments of Therapeutic Impact in Pediatric Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 127-129.	5.6	0
124	Pulmonary lung Doppler signals: normative data in a pediatric population compared with adults. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 1055-1060.	1.6	0
125	A Computational Technique for Uncertainty Quantification and Robust Design in Cardiovascular Systems. , 2009, , .		0
126	Optimization of an Idealized Y-Graft for the Fontan Procedure Using CFD and a Derivative-Free Optimization Algorithm. , 2009, , .		0

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127	Virtual Design for the Fontan Procedure: From Idealized to Patient Specific Models Using CFD and Derivative-Free Optimization. , 2010, , .		0
128	Customization of the Fontan Y-Graft: Are Unequal Branches Necessary for Optimal Hepatic Flow Distribution?. , 2011, , .		0
129	Comparison of Clinical and Simulation Results for the Stanford Y-Graft Fontan Pilot Trial. , 2012, , .		0
130	A Public Repository of Image-Based Computational Models for Patient-Specific Blood Flow Simulation. , 2012, , .		0
131	Abstract 18291: Computed Tomography Angiography Can Replace Cardiac Catheterization in the Surgical Planning of Select Neonates with Major Aortopulmonary Collaterals. Circulation, 2014, 130, .	1.6	0
132	Abstract 14250: Semi-automated Analysis of Tricuspid Regurgitation Doppler Profile for Detection and Evaluation of Pulmonary Hypertension. Circulation, 2020, 142, .	1.6	0
133	Dissecting alveolar patterning and maintenance at single-cell resolution. FASEB Journal, 2022, 36, .	0.5	0