

Jonathan Rhodes

List of Publications by Year in descending order

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74
papers

4,366
citations

201385

27
h-index

114278

63
g-index

76
all docs

76
docs citations

76
times ranked

4619
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise Standards for Testing and Training. <i>Circulation</i> , 2013, 128, 873-934.	1.6	1,527
2	A Cross-Sectional Study of Exercise Performance During the First 2 Decades of Life After the Fontan Operation. <i>Journal of the American College of Cardiology</i> , 2008, 52, 99-107.	1.2	292
3	Clinical Stress Testing in the Pediatric Age Group. <i>Circulation</i> , 2006, 113, 1905-1920.	1.6	273
4	Impact of Cardiac Rehabilitation on the Exercise Function of Children With Serious Congenital Heart Disease. <i>Pediatrics</i> , 2005, 116, 1339-1345.	1.0	157
5	Fontan Physiology Revisited. <i>Anesthesia and Analgesia</i> , 2015, 121, 172-182.	1.1	146
6	Sustained Effects of Cardiac Rehabilitation in Children With Serious Congenital Heart Disease. <i>Pediatrics</i> , 2006, 118, e586-e593.	1.0	116
7	Exercise Testing and Training in Children With Congenital Heart Disease. <i>Circulation</i> , 2010, 122, 1957-1967.	1.6	107
8	Electrocardiographic Markers of Late Sudden Death Risk in Postoperative Tetralogy of Fallot Children. <i>Journal of Cardiovascular Electrophysiology</i> , 1997, 8, 1349-1356.	0.8	104
9	Exercise Testing Identifies Patients at Increased Risk for Morbidity and Mortality Following Fontan Surgery. <i>Congenital Heart Disease</i> , 2011, 6, 294-303.	0.0	103
10	Serial Cardiopulmonary Exercise Testing in Patients with Previous Fontan Surgery. <i>Pediatric Cardiology</i> , 2010, 31, 175-180.	0.6	90
11	Results of the FUEL Trial. <i>Circulation</i> , 2020, 141, 641-651.	1.6	90
12	Effect of Pulmonary Artery Stenoses on the Cardiopulmonary Response to Exercise Following Repair of Tetralogy of Fallot. <i>American Journal of Cardiology</i> , 1998, 81, 1217-1219.	0.7	83
13	Effect of inhaled iloprost on the exercise function of Fontan patients: A demonstration of concept. <i>International Journal of Cardiology</i> , 2013, 168, 2435-2440.	0.8	81
14	Long-Term Pulmonary Regurgitation Following Balloon Valvuloplasty for Pulmonary Stenosis. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1041-1047.	1.2	79
15	Paediatric cardiac rehabilitation in congenital heart disease: a systematic review. <i>Cardiology in the Young</i> , 2012, 22, 241-250.	0.4	77
16	Abnormal spirometry after the Fontan procedure is common and associated with impaired aerobic capacity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H110-H117.	1.5	68
17	Cardiac Magnetic Resonance Imaging Correlates of Exercise Capacity in Patients With Surgically Repaired Tetralogy of Fallot. <i>American Journal of Cardiology</i> , 2007, 100, 1446-1450.	0.7	64
18	Fontan Fenestration Closure Has No Acute Effect on Exercise Capacity but Improves Ventilatory Response to Exercise. <i>Journal of the American College of Cardiology</i> , 2008, 52, 108-113.	1.2	60

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19	Cardiopulmonary exercise function among patients undergoing transcatheter pulmonary valve implantation in the US Melody valve investigational trial. <i>American Heart Journal</i> , 2012, 163, 280-287.	1.2	58
20	Long-term outcome of transcatheter coil closure of small to large patent ductus arteriosus. <i>Catheterization and Cardiovascular Interventions</i> , 1999, 47, 457-461.	0.7	57
21	Longitudinal Exercise Capacity of Patients With Repaired Tetralogy of Fallot. <i>American Journal of Cardiology</i> , 2011, 108, 99-105.	0.7	54
22	Effect of pulmonary artery angioplasty on exercise function after repair of tetralogy of Fallot. <i>American Heart Journal</i> , 2008, 155, 182-186.	1.2	49
23	Decline in peak oxygen consumption over time predicts death or transplantation in adults with a Fontan circulation. <i>American Heart Journal</i> , 2017, 189, 184-192.	1.2	47
24	Physical activity is associated with improved aerobic exercise capacity over time in adults with congenital heart disease. <i>International Journal of Cardiology</i> , 2013, 168, 4685-4691.	0.8	42
25	Effects of Transcatheter Pulmonary Valve Replacement on the Hemodynamic and Ventricular Response to Exercise in Patients With Obstructed Right Ventricle-to-Pulmonary Artery Conduits. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 530-542.	1.1	33
26	Impact of the cone operation on left ventricular size, function, and dyssynchrony in Ebstein anomaly: a cardiovascular magnetic resonance study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 32.	1.6	30
27	Non-Geometric Echocardiographic Indices of Ventricular Function in Patients with a Fontan Circulation. <i>Journal of the American Society of Echocardiography</i> , 2011, 24, 1213-1219.	1.2	28
28	Exercise Capacity and Predictors of Performance After Fontan: Results from the Pediatric Heart Network Fontan 3 Study. <i>Pediatric Cardiology</i> , 2021, 42, 158-168.	0.6	28
29	Excessive anaerobic metabolism during exercise after repair of aortic coarctation. <i>Journal of Pediatrics</i> , 1997, 131, 210-214.	0.9	27
30	Exercise Oscillatory Ventilation in Patients With Fontan Physiology. <i>Circulation: Heart Failure</i> , 2015, 8, 304-311.	1.6	26
31	A Randomized Trial Comparing Cardiac Rehabilitation to Standard of Care for Adults With Congenital Heart Disease. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2018, 9, 185-193.	0.3	26
32	Effect of transcatheter closure of atrial septal defect on the cardiopulmonary response to exercise. <i>American Journal of Cardiology</i> , 2002, 90, 803-806.	0.7	23
33	Design and rationale of the Fontan Udenafil Exercise Longitudinal (FUEL) trial. <i>American Heart Journal</i> , 2018, 201, 1-8.	1.2	23
34	Relationship between Exercise Parameters and Noninvasive Indices of Right Ventricular Function in Patients with Biventricular Circulation and Systemic Right Ventricle. <i>Congenital Heart Disease</i> , 2015, 10, 457-465.	0.0	21
35	A Pilot Study of Inspiratory Muscle Training to Improve Exercise Capacity in Patients with Fontan Physiology. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2018, 30, 462-469.	0.4	21
36	Prognostic Value of Exercise Testing During Heart Transplant Evaluation in Children. <i>Circulation: Heart Failure</i> , 2013, 6, 792-799.	1.6	17

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37	Exercise Physiology and Testing in Adult Patients with Congenital Heart Disease. <i>Heart Failure Clinics</i> , 2014, 10, 23-33.	1.0	17
38	Exercise Performance in Patients with D-Loop Transposition of the Great Arteries After Arterial Switch Operation: Long-Term Outcomes and Longitudinal Assessment. <i>Pediatric Cardiology</i> , 2016, 37, 283-289.	0.6	17
39	Exercise testing and spirometry as predictors of mortality in congenital heart disease: Contrasting Fontan physiology with repaired tetralogy of Fallot. <i>Congenital Heart Disease</i> , 2018, 13, 903-910.	0.0	17
40	Transcatheter Closure of Atrial Communications Using the Amplatzer? Septal Occluder. <i>Journal of Interventional Cardiology</i> , 1999, 12, 51-58.	0.5	15
41	Exercise Function of Children with Congenital Aortic Stenosis Following Aortic Valvuloplasty during Early Infancy. <i>Congenital Heart Disease</i> , 2009, 4, 258-264.	0.0	15
42	A prospective 5-year study of the frequency of arrhythmias during serial exercise testing and clinical follow-up after Melody valve implant. <i>Heart Rhythm</i> , 2016, 13, 2135-2141.	0.3	14
43	Establishing a Comprehensive Pediatric Cardiac Fitness and Rehabilitation Program for Congenital Heart Disease. <i>Pediatric Cardiology</i> , 2020, 41, 1569-1579.	0.6	14
44	Incidence and Predictors of Clinically Important and Dangerous Arrhythmias During Exercise Tests in Pediatric and Congenital Heart Disease Patients. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 1319-1327.	1.3	13
45	Prevalence of Arrhythmias During Exercise Stress Testing in Patients With Congenital Heart Disease and Severe Right Ventricular Conduit Dysfunction. <i>American Journal of Cardiology</i> , 2014, 114, 468-472.	0.7	11
46	Cardiac resynchronization therapy improves the ventricular function of patients with Fontan physiology. <i>American Heart Journal</i> , 2020, 230, 82-92.	1.2	11
47	Evaluation of Ventricular dP/dt Before and After Open Heart Surgery Using Transesophageal Echocardiography. <i>Echocardiography</i> , 1997, 14, 15-22.	0.3	10
48	Comparison Between the Mean dP/dt During Isovolumetric Contraction and Other Echocardiographic Indexes of Ventricular Systolic Function. <i>Echocardiography</i> , 1997, 14, 215-222.	0.3	10
49	Noninvasive cardiac output estimation by inert gas rebreathing in pediatric and congenital heart disease. <i>American Heart Journal</i> , 2016, 174, 80-88.	1.2	10
50	Pseudoaneurysm complicating right ventricle-to-pulmonary artery conduit surgery: Incidence and risk factors. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 2046-2049.	0.4	10
51	Simultaneous Transcatheter Closure of Two Secundum Atrial Septal Defects Using the Amplatzer? Septal Occluder. <i>Journal of Interventional Cardiology</i> , 1998, 11, 181-184.	0.5	8
52	Cardiopulmonary Exercise Testing in Adults with Congenital Heart Disease. <i>Circulation</i> , 2012, 125, 210-211.	1.6	7
53	Interventional cardiac catheterization therapy for combined coarctation of the aorta and patent ductus arteriosus: Successful outcome in two infants. <i>Catheterization and Cardiovascular Diagnosis</i> , 1996, 38, 67-70.	0.7	6
54	Exercise Testing. , 2006, , 275-287.		6

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55	Noninvasive Cardiac Output Estimation by Inert Gas Rebreathing in Mechanically Ventilated Pediatric Patients. <i>Journal of Pediatrics</i> , 2016, 177, 184-190.e3.	0.9	5
56	Coexistence of Three Rare Congenital Heart Defects in a Single Patient. <i>Pediatric Cardiology</i> , 2006, 27, 503-507.	0.6	4
57	Effect of Transcatheter Occlusion of a Pulmonary Arteriovenous Fistula on the Cardiopulmonary Response to Exercise. <i>Pediatric Cardiology</i> , 2010, 31, 142-143.	0.6	4
58	Feasibility of exercise stress echocardiography and myocardial response in patients with repaired congenital heart disease. <i>American Heart Journal</i> , 2017, 188, 1-10.	1.2	3
59	Long-term outcome of transcatheter coil closure of small to large patent ductus arteriosus. , 1999, 47, 457.		3
60	Rationale and design of long-term outcomes and vascular evaluation after successful coarctation of the aorta treatment study. <i>Annals of Pediatric Cardiology</i> , 2018, 11, 282.	0.2	3
61	Assessment of Exercise Function in Children and Young Adults with Hypertrophic Cardiomyopathy and Correlation with Transthoracic Echocardiographic Parameters. <i>Pediatric Cardiology</i> , 2022, , .	0.6	2
62	Acoustic Quantification of Left Ventricular Volumes and Function in Children With Congenital and Acquired Heart Disease. <i>Echocardiography</i> , 1995, 12, 121-127.	0.3	1
63	Letter by Opatowsky et al Regarding Article, "Results of the FUEL Trial". <i>Circulation</i> , 2020, 142, e38-e39.	1.6	1
64	Better preoperative exercise function is associated with shorter hospital stay after paediatric pulmonary valve replacement or conduit revision. <i>Cardiology in the Young</i> , 2021, 31, 1636-1643.	0.4	1
65	Abstract 12213: Exercise Induced Pulmonary Hypertension in Long Term Survivors of Congenital Diaphragmatic Hernia. <i>Circulation</i> , 2021, 144, .	1.6	1
66	Different worlds (Vive la Différence!). <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2008, 97, 400-401.	0.7	0
67	A prospective 5-year study of exercise performance following Melody valve implant. <i>American Heart Journal</i> , 2019, 209, 47-53.	1.2	0
68	Exercise Testing in the Assessment of the Cardiac Patient. , 2014, , 399-408.		0
69	Abstract 19722: Cardiac Output Estimation by Inert Gas Rebreathing is Accurate in Mechanically Ventilated Children With Heart Disease. <i>Circulation</i> , 2015, 132, .	1.6	0
70	Summary of Lesions. , 2019, , 209-210.		0
71	Parameters from Submaximal Exercise. , 2019, , 65-74.		0
72	Repaired Tetralogy of Fallot. , 2019, , 83-95.		0

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73	Fontan Circulation. , 2019, , 97-115.		0
74	Peak Exercise Parameters. , 2019, , 53-64.		0