

Luc Mertens

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1104722/publications.pdf>

Version: 2024-02-01

151
papers

6,345
citations

94269

37
h-index

79541

73
g-index

155
all docs

155
docs citations

155
times ranked

7228
citing authors

#	ARTICLE	IF	CITATIONS
1	Standardization of left atrial, right ventricular, and right atrial deformation imaging using two-dimensional speckle tracking echocardiography: a consensus document of the EACVI/ASE/Industry Task Force to standardize deformation imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 591-600.	0.5	891
2	The clinical use of stress echocardiography in non-ischæmic heart disease: recommendations from the European Association of Cardiovascular Imaging and the American Society of Echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 1191-1229.	0.5	300
3	Targeted Neonatal Echocardiography in the Neonatal Intensive Care Unit: Practice Guidelines and Recommendations for Training. <i>Journal of the American Society of Echocardiography</i> , 2011, 24, 1057-1078.	1.2	285
4	Pediatric Outcome after Maternal Cancer Diagnosed during Pregnancy. <i>New England Journal of Medicine</i> , 2015, 373, 1824-1834.	13.9	283
5	Long-term cognitive and cardiac outcomes after prenatal exposure to chemotherapy in children aged 18 months or older: an observational study. <i>Lancet Oncology</i> , The, 2012, 13, 256-264.	5.1	237
6	The International Society for Heart and Lung Transplantation Guidelines for the management of pediatric heart failure: Executive summary. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 888-909.	0.3	220
7	The Clinical Use of Stress Echocardiography in Non-Ischaemic Heart Disease: Recommendations from the European Association of Cardiovascular Imaging and the American Society of Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 101-138.	1.2	207
8	Targeted Neonatal Echocardiography in the Neonatal Intensive Care Unit: Practice Guidelines and Recommendations for Training: Writing group of the American Society of Echocardiography (ASE) in collaboration with the European Association of Echocardiography (EAE) and the Association for European Pediatric Cardiologists (AEPC). <i>European Journal of Echocardiography</i> , 2011, 12, 715-736.	2.3	165
9	A Comprehensive Echocardiographic Protocol for Assessing Neonatal Right Ventricular Dimensions and Function in the Transitional Period: Normative Data and Z Scores. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 1293-1304.	1.2	147
10	Interpretation of Left Ventricular Diastolic Dysfunction in Children With Cardiomyopathy by Echocardiography. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 254-261.	1.3	128
11	Cardioprotection and Second Malignant Neoplasms Associated With Dexrazoxane in Children Receiving Anthracycline Chemotherapy: A Systematic Review and Meta-Analysis. <i>Journal of the National Cancer Institute</i> , 2016, 108, djv357.	3.0	117
12	Atrioventricular valve repair in patients with functional single-ventricle physiology: Impact of ventricular and valve function and morphology on survival and reintervention. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 326-335.e2.	0.4	107
13	Multimodality Imaging Guidelines of Patients with Transposition of the Great Arteries: A Report from the American Society of Echocardiography Developed in Collaboration with the Society for Cardiovascular Magnetic Resonance and the Society of Cardiovascular Computed Tomography. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 571-621.	1.2	101
14	ROBO4 variants predispose individuals to bicuspid aortic valve and thoracic aortic aneurysm. <i>Nature Genetics</i> , 2019, 51, 42-50.	9.4	101
15	Disease Beyond the Arch: A Systematic Review of Middle Aortic Syndrome in Childhood. <i>American Journal of Hypertension</i> , 2015, 28, 833-846.	1.0	90
16	Pulmonary vein stenosis and the pathophysiology of "upstream" pulmonary veins. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 245-253.	0.4	77
17	Reference Values for Pulse Wave Doppler and Tissue Doppler Imaging in Pediatric Echocardiography. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, e002167.	1.3	77
18	Anomalous Aortic Origin of Coronary Arteries in the Young. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1239-1249.	2.3	72

#	ARTICLE	IF	CITATIONS
19	Imaging the adult with congenital heart disease: a multimodality imaging approachâ€”position paper from the EACVI. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1077-1098.	0.5	71
20	Early changes in cardiovascular structure and function in adolescents with type 1 diabetes. <i>Cardiovascular Diabetology</i> , 2016, 15, 31.	2.7	64
21	Blood Speckle-Tracking Based on High-Frame Rate Ultrasound Imaging in Pediatric Cardiology. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 493-503.e5.	1.2	63
22	Impact of Pulmonary Hemodynamics and Ventricular Interdependence on Left Ventricular Diastolic Function in Children With Pulmonary Hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	1.3	62
23	Outcomes after anomalous aortic origin of a coronary artery repair: A Congenital Heart Surgeonsâ€™ Society Study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 757-771.e5.	0.4	61
24	Impact of Initial Shunt Type on Cardiac Size and Function in Children With Single Right Ventricle Anomalies Before the Fontan Procedure. <i>Journal of the American College of Cardiology</i> , 2014, 64, 2026-2035.	1.2	58
25	Effect of Chronic Right Ventricular Volume Overload on Ventricular Interaction in Patients after Tetralogy of Fallot Repair. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 896-902.	1.2	56
26	Ultrafast Ultrasound Imaging in Pediatric and Adult Cardiology. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1771-1791.	2.3	54
27	Mechanisms of Right Ventricular Electromechanical Dyssynchrony and Mechanical Inefficiency in Children After Repair of Tetralogy of Fallot. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 610-618.	1.3	53
28	Pediatric Reference Values and Z Score Equations for Left Ventricular Systolic Strain Measured by Two-Dimensional Speckle-Tracking Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 786-793.e8.	1.2	51
29	Left Ventricular Function in Healthy Term Neonates During the Transitional Period. <i>Journal of Pediatrics</i> , 2017, 182, 197-203.e2.	0.9	51
30	The Cardiac Genome Clinic: implementing genome sequencing in pediatric heart disease. <i>Genetics in Medicine</i> , 2020, 22, 1015-1024.	1.1	51
31	Longitudinal Assessment of Right Ventricular Myocardial Strain in Relation to Transplant-Free Survival in Children with Idiopathic Pulmonary Hypertension. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 1344-1351.	1.2	48
32	Right Ventricular Diastolic Performance in Children With Pulmonary Arterial Hypertension Associated With Congenital Heart Disease. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 491-501.	1.3	47
33	Left Ventricular Myocardial Function in Children With Pulmonary Hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	1.3	45
34	Early Changes in Apical Rotation in Genotype Positive Children with Hypertrophic Cardiomyopathy Mutations without Hypertrophic Changes on Two-Dimensional Imaging. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 215-221.	1.2	44
35	Remote ischemic conditioning counteracts the intestinal damage of necrotizing enterocolitis by improving intestinal microcirculation. <i>Nature Communications</i> , 2020, 11, 4950.	5.8	44
36	Integrin-linked kinase mediates force transduction in cardiomyocytes by modulating SERCA2a/PLN function. <i>Nature Communications</i> , 2014, 5, 4533.	5.8	42

#	ARTICLE	IF	CITATIONS
37	Impaired Right Ventricular Performance Is Associated with Adverse Outcome after Hypoxic Ischemic Encephalopathy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1294-1305.	2.5	42
38	Evolution of Training Guidelines for Echocardiography Performed by the Neonatologist: Toward Hemodynamic Consultation. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 785-790.	1.2	42
39	Fontan Failure and Death in Contemporary Fontan Circulation: Analysis From the Last Two Decades. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1240-1247.	0.7	40
40	Understanding the mechanism for branch pulmonary artery stenosis after the arterial switch operation for transposition of the great arteries. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 180-185.	0.5	39
41	Relationship Between Left Ventricular Geometry and Invasive Hemodynamics in Pediatric Pulmonary Hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e009825.	1.3	39
42	The gold standard for noninvasive imaging in congenital heart disease: echocardiography. <i>Current Opinion in Cardiology</i> , 2009, 24, 119-124.	0.8	39
43	Spectrum and Outcome of Primary Cardiomyopathies Diagnosed During Fetal Life. <i>JACC: Heart Failure</i> , 2014, 2, 403-411.	1.9	36
44	Mesenchymal state of intimal cells may explain higher propensity to ascending aortic aneurysm in bicuspid aortic valves. <i>Scientific Reports</i> , 2016, 6, 35712.	1.6	36
45	Mechanisms of tricuspid valve regurgitation in hypoplastic left heart syndrome: a case-matched echocardiographicâ€”surgical comparison study. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 135-141.	0.5	35
46	Stress echocardiography in paediatric cardiology. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 1051-1059.	0.5	34
47	Pulmonary artery banding in complete atrioventricular septal defect. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1493-1503.e3.	0.4	34
48	RV stroke work in children with pulmonary arterial hypertension: estimation based on invasive haemodynamic assessment and correlation with outcomes. <i>Heart</i> , 2014, 100, 1342-1347.	1.2	33
49	Assessment of Diastolic Function in Single-Ventricle Patients After the Fontan Procedure. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 1066-1073.	1.2	33
50	The relationship between urinary renin-angiotensin system markers, renal function, and blood pressure in adolescents with type 1 diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, F335-F342.	1.3	33
51	Cardiopulmonary Adaptation During First Day of Life in Human Neonates. <i>Journal of Pediatrics</i> , 2018, 200, 50-57.e2.	0.9	33
52	Echocardiographic Assessment of Cardiac Function in Pediatric Survivors of Anthracycline-Treated Childhood Cancer. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008869.	1.3	33
53	Prognostic Value of Serial Echocardiography in Hypoplastic Left Heart Syndrome. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e006983.	1.3	32
54	Child development at 6 years after maternal cancer diagnosis and treatment during pregnancy. <i>European Journal of Cancer</i> , 2020, 138, 57-67.	1.3	31

#	ARTICLE	IF	CITATIONS
55	Association of Echocardiographic Parameters of Right Ventricular Remodeling and Myocardial Performance With Modified Task Force Criteria in Adolescents With Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e007693.	1.3	30
56	Echocardiographic Estimation of Right Ventricular Stroke Work in Children with Pulmonary Arterial Hypertension: Comparison with Invasive Measurements. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 1350-1357.	1.2	29
57	Quantification and Significance of Diffuse Myocardial Fibrosis and Diastolic Dysfunction in Childhood Hypertrophic Cardiomyopathy. <i>Pediatric Cardiology</i> , 2015, 36, 970-978.	0.6	28
58	Quantification of Right Ventricular Electromechanical Dyssynchrony in Relation to Right Ventricular Function and Clinical Outcomes in Children with Repaired Tetralogy of Fallot. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 822-830.	1.2	28
59	Predictors of Bicuspid Aortic Valve-Associated Aortopathy in Childhood. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e009717.	1.3	28
60	Right Ventricular Mechanical Dyssynchrony and Asymmetric Contraction in Hypoplastic Heart Syndrome are Associated with Tricuspid Regurgitation. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 1214-1220.	1.2	27
61	Distribution of Hypertrophy and Late Gadolinium Enhancement in Children and Adolescents with Hypertrophic Cardiomyopathy. <i>Congenital Heart Disease</i> , 2015, 10, E258-E267.	0.0	27
62	Left ventricular myocardial response to exercise in children after heart transplant. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 1241-1247.	0.3	26
63	Systolic and Diastolic Myocardial Response to Exercise in a Healthy Pediatric Cohort. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 648-654.	1.2	26
64	Targeted neonatal echocardiography (TNE) consult service in a large tertiary perinatal center in Canada. <i>Journal of Perinatology</i> , 2018, 38, 1039-1045.	0.9	26
65	Myocardial function in children after fetal chemotherapy exposure. A tissue Doppler and myocardial deformation imaging study. <i>European Journal of Pediatrics</i> , 2013, 172, 163-170.	1.3	25
66	Renin-angiotensin-aldosterone system genotype and serum BNP in a contemporary cohort of adults late after Fontan palliation. <i>International Journal of Cardiology</i> , 2015, 197, 209-215.	0.8	25
67	Novel approaches to the prediction, diagnosis and treatment of cardiac late effects in survivors of childhood cancer: a multi-centre observational study. <i>BMC Cancer</i> , 2017, 17, 519.	1.1	25
68	Subclinical cardiovascular changes in pediatric solid organ transplant recipients: A systematic review and meta-analysis. <i>Pediatric Transplantation</i> , 2016, 20, 530-539.	0.5	24
69	Adverse ventricular-ventricular interactions in right ventricular pressure load: Insights from pediatric pulmonary hypertension versus pulmonary stenosis. <i>Physiological Reports</i> , 2016, 4, e12833.	0.7	24
70	Management and Outcomes of Childhood Renal Artery Stenosis and Middle Aortic Syndrome. <i>American Journal of Hypertension</i> , 2018, 31, 687-695.	1.0	24
71	Association Between Plasma Uric Acid Levels and Cardiorenal Function in Adolescents With Type 1 Diabetes. <i>Diabetes Care</i> , 2016, 39, 611-616.	4.3	22
72	Longitudinal assessment of myocardial function in childhood chronic kidney disease, during dialysis, and following kidney transplantation. <i>Pediatric Nephrology</i> , 2017, 32, 1401-1410.	0.9	22

#	ARTICLE	IF	CITATIONS
73	Classic-Pattern Dyssynchrony and Electrical Activation Delays in Pediatric Dilated Cardiomyopathy. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 956-964.	1.2	21
74	A guide for assessment of myocardial stiffness in health and disease. , 2022, 1, 8-22.		21
75	Prognostic Implications of the Systolic to Diastolic Duration Ratio in Children With Idiopathic or Familial Dilated Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 773-780.	1.3	19
76	Impaired longitudinal deformation measured by speckle-tracking echocardiography in children with end-stage renal disease. <i>Pediatric Nephrology</i> , 2016, 31, 1499-1508.	0.9	19
77	Left Ventricular Myocardial and Hemodynamic Response to Exercise in Young Patients after Endovascular Stenting for Aortic Coarctation. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 237-246.	1.2	19
78	Aortic Root Dilatation and Aortic-Related Complications in Children After Tetralogy of Fallot Repair. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007611.	1.3	19
79	Effect of Obstructive Sleep Apnea on Cardiovascular Function in Obese Youth. <i>American Journal of Cardiology</i> , 2019, 123, 341-347.	0.7	19
80	Effect of anthracycline therapy on myocardial function and markers of fibrotic remodelling in childhood cancer survivors. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 435-442.	0.5	19
81	Does prenatal diagnosis of hypoplastic left heart syndrome make a difference? â€œ A systematic review. <i>Prenatal Diagnosis</i> , 2016, 36, 854-863.	1.1	18
82	Usefulness of Mitral Regurgitation as a Marker of Increased Risk for Death or Cardiac Transplantation in Idiopathic Dilated Cardiomyopathy in Children. <i>American Journal of Cardiology</i> , 2011, 107, 1517-1521.	0.7	17
83	Mechanics of the Functionally Univentricular Heartâ€”How Little Do We Understand and Why Does It Matter?. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1033.e11-1033.e18.	0.8	17
84	The Congenital Heart Surgeon's Society Complete Atrioventricular Septal Defect Cohort: Baseline, Preintervention Echocardiographic Characteristics. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 80-86.	0.4	16
85	Machine Learning Identifies Clinical and Genetic Factors Associated With Anthracycline Cardiotoxicity in Pediatric Cancer Survivors. <i>JACC: CardioOncology</i> , 2020, 2, 690-706.	1.7	16
86	Patterns of Mechanical Inefficiency in Pediatric Dilated Cardiomyopathy and Their Relation to Left Ventricular Function and Clinical Outcomes. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 226-236.	1.2	15
87	Dynamic Myocardial Response to Exercise in Childhood Cancer Survivors Treated with Anthracyclines. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 933-942.	1.2	15
88	Anatomic Concordance of Neonatologist-Performed Echocardiography as Part of Hemodynamics Consultation and Pediatric Cardiology. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 301-307.	1.2	15
89	Right Ventricular Flow Dynamics in Dilated Right Ventricles: Energy Loss Estimation Based on Blood Speckle Tracking Echocardiographyâ€”A Pilot Study in Children. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 1514-1527.	0.7	15
90	Myocardial Dimensions in Children With Hypertrophic Cardiomyopathy: A Comparison Between Echocardiography and Cardiac Magnetic Resonance Imaging. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1507-1512.	0.8	14

#	ARTICLE	IF	CITATIONS
91	Regional right ventricular remodeling and function in children with idiopathic pulmonary arterial hypertension vs those with pulmonary valve stenosis: Insights into mechanics of right ventricular dysfunction. <i>Echocardiography</i> , 2017, 34, 888-897.	0.3	14
92	Prevalence of anthracycline-related cardiac dysfunction in long-term survivors of adult-onset lymphoma. <i>Cancer</i> , 2018, 124, 850-857.	2.0	14
93	A novel, data-driven conceptualization for critical left heart obstruction. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 165, 107-116.	2.6	14
94	Comparison of Clinical and Social Characteristics of Canadian Youth Living With Type 1 and Type 2 Diabetes. <i>Canadian Journal of Diabetes</i> , 2021, 45, 428-435.	0.4	14
95	Impact of Right Ventricular Geometry and Left Ventricular Hypertrophy on Right Ventricular Mechanics and Clinical Outcomes in Hypoplastic Left Heart Syndrome. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 1350-1358.	1.2	13
96	Effect of Ultrafast Imaging on Shear Wave Visualization and Characterization: An Experimental and Computational Study in a Pediatric Ventricular Model. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 840.	1.3	12
97	Coronary artery Doppler patterns are associated with clinical outcomes post-arterial switch operation for transposition of the great arteries. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 461-468.	0.5	12
98	Improving Prenatal Diagnosis of Coarctation of the Aorta. <i>Canadian Journal of Cardiology</i> , 2019, 35, 453-461.	0.8	12
99	Parameters of Right Ventricular Function Reveal Ventricular-Vascular Mismatch as Determined by Right Ventricular Stroke Work versus Pulmonary Vascular Resistance in Children with Pulmonary Hypertension. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 218-225.	1.2	12
100	New Comprehensive Reference Values for Arterial Vascular Parameters in Children. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1014-1022.e4.	1.2	11
101	Machine-learning-based exploration to identify remodeling patterns associated with death or heart-transplant in pediatric-dilated cardiomyopathy. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 516-526.	0.3	11
102	Right Ventricular Diastolic Function and Right Atrial Function and Their Relation With Exercise Capacity in Ebstein Anomaly. <i>Canadian Journal of Cardiology</i> , 2019, 35, 1824-1833.	0.8	10
103	Imaging the adult with simple shunt lesions: position paper from the EACVI and the ESC WG on ACHD. Endorsed by AEPC (Association for European Paediatric and Congenital Cardiology). <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, e58-e70.	0.5	10
104	Pediatric Hypertrophic Cardiomyopathy: Exploring the Genotype-Phenotype Association. <i>Journal of the American Heart Association</i> , 2022, 11, e024220.	1.6	10
105	Cardiovascular Structure and Function in Children With Middle Aortic Syndrome and Renal Artery Stenosis. <i>Hypertension</i> , 2017, 70, 1193-1200.	1.3	9
106	Strain and Rotational Mechanics in Children With Single Left Ventricles After Fontan. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 1297-1306.	1.2	9
107	Noncompaction cardiomyopathy in an infant with Walker-Warburg syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2017, 173, 3082-3086.	0.7	8
108	Speckle-Tracking Echocardiographic Measures of Right Ventricular Diastolic Function Correlate with Reference Standard Measures Before and After Preload Alteration in Children. <i>Pediatric Cardiology</i> , 2017, 38, 27-35.	0.6	8

#	ARTICLE	IF	CITATIONS
109	Sutureless Versus Conventional Pulmonary Vein Repair: A Magnetic Resonance Pilot Study. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1248-1254.	0.7	8
110	Non-invasive imaging techniques to assess myocardial perfusion. <i>Expert Review of Medical Devices</i> , 2020, 17, 1133-1144.	1.4	8
111	Pulmonary regurgitation after tetralogy of fallot repair: A diagnostic and therapeutic challenge. <i>Journal of Cardiovascular Echography</i> , 2013, 23, 1.	0.1	8
112	The impact of not having a ductus arteriosus on clinical outcomes in foetuses diagnosed with tetralogy of Fallot. <i>Cardiology in the Young</i> , 2015, 25, 684-692.	0.4	7
113	Augmentation of pulmonary blood flow and cardiac output by non-invasive external ventilation late after Fontan palliation. <i>Heart</i> , 2021, 107, 142-149.	1.2	7
114	Right ventricular function in patients with pulmonary regurgitation with versus without tetralogy of Fallot. <i>American Heart Journal</i> , 2019, 213, 8-17.	1.2	6
115	Pre-intervention morphologic and functional echocardiographic characteristics of neonates with critical left heart obstruction: a Congenital Heart Surgeons Society (CHSS) inception cohort study. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 658-667.	0.5	6
116	Hypoplastic Left Heart Syndrome Across the Lifespan: Clinical Considerations for Care of the Fetus, Child, and Adult. <i>Canadian Journal of Cardiology</i> , 2022, 38, 930-945.	0.8	6
117	Certification in echocardiography of congenital heart disease: experience of the first 6 years of a European process. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 142-148.	0.5	5
118	Pilot study on the feasibility of limited focused real-time echocardiography during pediatric renal transplantation. <i>Pediatric Transplantation</i> , 2016, 20, 778-782.	0.5	5
119	Neonatologist performed echocardiography—hype, hope or nope. <i>European Journal of Pediatrics</i> , 2016, 175, 291-293.	1.3	5
120	Valve disease and aortopathy associations of bicuspid aortic valve phenotypes differ between men and women. <i>Open Heart</i> , 2021, 8, e001857.	0.9	5
121	Echocardiography Grading for Pulmonary Arteriovenous Malformation Screening in Children with Hereditary Hemorrhagic Telangiectasia. <i>Journal of Pediatrics</i> , 2018, 195, 288-291.e1.	0.9	4
122	Data describing child development at 6 years after maternal cancer diagnosis and treatment during pregnancy. <i>Data in Brief</i> , 2020, 32, 106209.	0.5	4
123	Multicentre prospective observational study exploring the predictive value of functional echocardiographic indices for early identification of preterm neonates at risk of developing chronic pulmonary hypertension secondary to chronic neonatal lung disease. <i>BMJ Open</i> , 2021, 11, e044924.	0.8	4
124	Blood Flow Imaging with Ultrafast Doppler. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	4
125	Regional Vascular Changes and Aortic Dilatation in Pediatric Patients With Bicuspid Aortic Valve. <i>Canadian Journal of Cardiology</i> , 2022, 38, 688-694.	0.8	4
126	Abnormal Mitral Valve Dimensions in Pediatric Patients with Hypertrophic Cardiomyopathy. <i>Pediatric Cardiology</i> , 2016, 37, 784-788.	0.6	3

#	ARTICLE	IF	CITATIONS
127	Surgical resection of an obstructive Chiari Network. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1070-1070.	0.5	3
128	Ventricular Torsion in Young Patients With Single-Ventricle Anatomy. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 1288-1296.	1.2	3
129	Vascular ring anomaly in a patient with phosphomannomutase 2 deficiency: A case report and review of the literature. <i>JIMD Reports</i> , 2020, 56, 27-33.	0.7	3
130	Cardiovascular and abdominal flow alterations in adults with morphologic evidence of liver disease post Fontan palliation. <i>International Journal of Cardiology</i> , 2020, 317, 63-69.	0.8	3
131	Intraoperative echocardiographic coronary artery imaging in congenital and acquired heart disease. <i>Cardiology in the Young</i> , 2020, 30, 153-161.	0.4	3
132	Right Ventricular Remodeling in Hypoplastic Left Heart Syndrome is Minimally Impacted by Cardiopulmonary Bypass: A Comparison of Norwood vs. Hybrid. <i>Pediatric Cardiology</i> , 2021, 42, 294-301.	0.6	3
133	The Use of 3D Echocardiography in Surgical Planning of the Mitral Valve in Pediatric Cardiology. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	3
134	Longitudinal Prediction of Transplant-Free Survival by Echocardiography in Pediatric Dilated Cardiomyopathy. <i>Canadian Journal of Cardiology</i> , 2021, 37, 867-876.	0.8	3
135	Alternative to Body Surface Area as a Solution to Correct Systematic Bias in Pediatric Echocardiography z Scores. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1790-1797.	0.8	3
136	Longitudinal Changes in Cardiac Structure and Function in Pediatric Kidney Transplant Recipients. <i>Hypertension</i> , 2022, 79, 1680-1689.	1.3	3
137	The effect of stretching on transmural shear wave anisotropy in cardiac shear wave elastography. , 2017, , .		2
138	Serial Assessment of Tricuspid Annular Plane Systolic Excursion Is Associated with Death or Lung Transplant in Children with Pulmonary Arterial Hypertension. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 1320-1322.	1.2	2
139	The right ventricular myocardial systolic-to-diastolic duration ratio in children after surgical repair of Tetralogy of Fallot. <i>Journal of Applied Physiology</i> , 2020, 128, 1677-1683.	1.2	2
140	Calibration of an Electrical Analog Model of Liver Hemodynamics in Fontan Patients. <i>Journal of Biomechanical Engineering</i> , 2021, 143, .	0.6	2
141	Trajectory of Left Ventricular Remodeling in Children With Valvar Aortic Stenosis Following Balloon Aortic Valvuloplasty. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, e013200.	1.3	2
142	Intermittent Brugada syndrome in an anorexic adolescent girl. <i>Journal of Cardiology Cases</i> , 2014, 10, 81-84.	0.2	1
143	The effect of stretching on transmural shear wave anisotropy in cardiac shear wave elastography: An ex vivo and in silico study. , 2017, , .		1
144	Analyzing the Shear Wave Mechanics in Cardiac Shear Wave Elastography Using Finite Element Simulations. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
145	Ferritin and body mass index predict cardiac dysfunction in female adolescents with anorexia of the restrictive type. , 0, .		1
146	Early motor development in young children with 22q.11 deletion syndrome and a conotruncal heart defect. <i>Developmental Medicine and Child Neurology</i> , 2005, 47, 797-802.	1.1	0
147	The Aorta in Bicuspid Valve Disease. <i>Structural Heart</i> , 2018, 2, 188-196.	0.2	0
148	Response to phenotypic heterogeneity of POMT2 variants. <i>American Journal of Medical Genetics, Part A</i> , 2018, 176, 746-747.	0.7	0
149	Does Surgical Treatment of Coarctation in Adults Result in Better Outcomes Compared With the Transcatheter Approach?. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1873-1874.	2.3	0
150	Does Atrial Dysfunction Matter in Congenitally Corrected Transposition of Great Arteries?. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, CIRCIMAGING121013742.	1.3	0
151	Utility of routine echocardiograms on premature infants with chronic lung disease post oxygen wean. <i>Pediatrics and Neonatology</i> , 2022, , .	0.3	0