

# Laura Mercer-Rosa

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

1,778  
citations

331670

21  
h-index

315739

38  
g-index

76  
all docs

76  
docs citations

76  
times ranked

2431  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Congenital Heart Disease Genetic Network Study. <i>Circulation Research</i> , 2013, 112, 698-706.	4.5	142
2	Quantifying Pulmonary Regurgitation and Right Ventricular Function in Surgically Repaired Tetralogy of Fallot. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 637-643.	2.6	129
3	Guidelines for Performing a Comprehensive Transesophageal Echocardiographic. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 173-215.	2.8	108
4	Characterization of Disease Phenotype in Very Preterm Infants with Severe Bronchopulmonary Dysplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1398-1406.	5.6	91
5	Trends in Pulmonary Valve Replacement in Children and Adults With Tetralogy of Fallot. <i>American Journal of Cardiology</i> , 2015, 115, 118-124.	1.6	82
6	22q11.2 Deletion syndrome is associated with perioperative outcome in tetralogy of Fallot. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 868-873.	0.8	71
7	Tricuspid Annular Plane Systolic Excursion in the Assessment of Right Ventricular Function in Children and Adolescents after Repair of Tetralogy of Fallot. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 1322-1329.	2.8	68
8	Illustration of the Additional Value of Real-time 3-dimensional Echocardiography to Conventional Transthoracic and Transesophageal 2-dimensional Echocardiography in Imaging Muscular Ventricular Septal Defects: Does This Have Any Impact on Individual Patient Treatment?. <i>Journal of the American Society of Echocardiography</i> , 2006, 19, 1511-1519.	2.8	63
9	22q11.2 Deletion syndrome is associated with increased perioperative events and more complicated postoperative course in infants undergoing infant operative correction of truncus arteriosus communis or interrupted aortic arch. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1597-1605.	0.8	62
10	How best to assess right ventricular function by echocardiography. <i>Cardiology in the Young</i> , 2015, 25, 1473-1481.	0.8	59
11	22q11.2 Deletion Status and Disease Burden in Children and Adolescents With Tetralogy of Fallot. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 74-81.	5.1	50
12	2-Year Outcomes After Complete or Staged Procedure for Tetralogy of Fallot in Neonates. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1570-1579.	2.8	49
13	Utility of Feed-and-Sleep Cardiovascular Magnetic Resonance in Young Infants with Complex Cardiovascular Disease. <i>Pediatric Cardiology</i> , 2015, 36, 809-812.	1.3	38
14	Child-onset systemic lupus erythematosus is associated with a higher incidence of myopericardial manifestations compared to adult-onset disease. <i>Lupus</i> , 2018, 27, 2146-2154.	1.6	37
15	Habitual Exercise Correlates With Exercise Performance in Patients With Conotruncal Abnormalities. <i>Pediatric Cardiology</i> , 2013, 34, 853-860.	1.3	32
16	Morbidity in children and adolescents after surgical correction of truncus arteriosus communis. <i>American Heart Journal</i> , 2013, 166, 512-518.	2.7	31
17	Pulmonary Vein Stenosis: Outcomes in Children With Congenital Heart Disease and Prematurity. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 266-273.	0.6	31
18	Predictors of Length of Hospital Stay After Complete Repair for Tetralogy of Fallot: A Prospective Cohort Study. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	30

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19	Dynamic Three-Dimensional Geometry of the Tricuspid Valve Annulus in Hypoplastic Left Heart Syndrome with a Fontan Circulation. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 655-666.e13.	2.8	27
20	Longitudinal Changes in Right Ventricular Function in Tetralogy of Fallot in the Initial Years after Surgical Repair. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 816-821.	2.8	25
21	Staged Versus Complete Repair in the Symptomatic Neonate With Tetralogy of Fallot. <i>Annals of Thoracic Surgery</i> , 2020, 109, 802-808.	1.3	25
22	Right ventricular function mirrors clinical improvement with use of prostacyclin analogues in pediatric pulmonary hypertension. <i>Pulmonary Circulation</i> , 2018, 8, 1-8.	1.7	23
23	Early Right Ventricular Systolic Dysfunction and Pulmonary Hypertension Are Associated With Worse Outcomes in Pediatric Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2018, 46, e1055-e1062.	0.9	21
24	Diastolic dysfunction in tetralogy of Fallot: Comparison of echocardiography with catheterization. <i>Echocardiography</i> , 2018, 35, 1641-1648.	0.9	21
25	Tricuspid Annular Plane Systolic Excursion Does Not Correlate With Right Ventricular Ejection Fraction in Patients With Hypoplastic Left Heart Syndrome After Fontan Palliation. <i>Pediatric Cardiology</i> , 2014, 35, 1253-1258.	1.3	20
26	The Impact of Pulmonary Insufficiency on the Right Ventricle: A Comparison of Isolated Valvar Pulmonary Stenosis and Tetralogy of Fallot. <i>Pediatric Cardiology</i> , 2015, 36, 796-801.	1.3	20
27	Nocturnal blood pressure dipping as a marker of endothelial function and subclinical atherosclerosis in pediatric-onset systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2020, 22, 129.	3.5	20
28	Early Evaluation and the Effect of Socioeconomic Factors on Neurodevelopment in Infants with Tetralogy of Fallot. <i>Pediatric Cardiology</i> , 2021, 42, 643-653.	1.3	19
29	Right Ventricular Contractile Reserve Is Impaired in Children and Adolescents With Repaired Tetralogy of Fallot: An Exercise Strain Imaging Study. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 135-144.	2.8	16
30	Exercise Performance and 22q11.2 Deletion Status Affect Quality of Life in Tetralogy of Fallot. <i>Journal of Pediatrics</i> , 2017, 189, 162-168.	1.8	15
31	Longitudinal changes in adolescents with TOF: implications for care. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 356-363.	1.2	14
32	Right Ventricular Strain, Brain Natriuretic Peptide, and Mortality in Congenital Diaphragmatic Hernia. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1431-1439.	3.2	14
33	Right Ventricular Systolic Function After the Cone Procedure for Ebstein's Anomaly: Comparison Between Echocardiography and Cardiac Magnetic Resonance. <i>Pediatric Cardiology</i> , 2020, 41, 985-995.	1.3	14
34	Impact of Maternal "Fetal Environment on Mortality in Children With Single Ventricle Heart Disease. <i>Journal of the American Heart Association</i> , 2022, 11, e020299.	3.7	14
35	New or Persistent Right Ventricular Systolic Dysfunction Is Associated With Worse Outcomes in Pediatric Acute Respiratory Distress Syndrome. <i>Pediatric Critical Care Medicine</i> , 2020, 21, e121-e128.	0.5	13
36	22q11.2 Deletion Status and Perioperative Outcomes for Tetralogy of Fallot with Pulmonary Atresia and Multiple Aortopulmonary Collateral Vessels. <i>Pediatric Cardiology</i> , 2018, 39, 906-910.	1.3	12

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37	Echocardiographic Assessment of Diastolic Function in Children with Incident Systemic Lupus Erythematosus. <i>Pediatric Cardiology</i> , 2019, 40, 1017-1025.	1.3	12
38	Resource Utilization in the First 2 Years Following Operative Correction for Tetralogy of Fallot: Study Using Data From the Optum's Deidentified Clinformatics Data Mart Insurance Claims Database. <i>Journal of the American Heart Association</i> , 2020, 9, e016581.	3.7	12
39	Revisiting the End-Diastolic Forward Flow (Restrictive Physiology) in Tetralogy of Fallot. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1547-1548.	5.3	11
40	Determinants of Exercise Performance in Children and Adolescents with Repaired Tetralogy of Fallot Using Stress Echocardiography. <i>Pediatric Cardiology</i> , 2019, 40, 71-78.	1.3	11
41	Decreased right ventricular longitudinal strain in children with hypoplastic left heart syndrome during staged repair and follow-up: does it have implications in clinically stable patients?. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 1667-1677.	1.5	11
42	Systolic-diastolic functional coupling in healthy children and in those with dilated cardiomyopathy. <i>Journal of Applied Physiology</i> , 2016, 120, 1301-1318.	2.5	10
43	The Impact of the Right Ventricular Outflow Tract Patch on Right Ventricular Strain in Tetralogy of Fallot: A Comparison with Valvar Pulmonary Stenosis Utilizing Cardiac Magnetic Resonance. <i>Pediatric Cardiology</i> , 2017, 38, 617-623.	1.3	10
44	Dexrazoxane preferentially mitigates doxorubicin cardiotoxicity in female children with sarcoma. <i>Open Heart</i> , 2019, 6, e001025.	2.3	10
45	Accuracy of Brain Natriuretic Peptide for Diagnosing Pulmonary Hypertension in Severe Bronchopulmonary Dysplasia. <i>Neonatology</i> , 2019, 116, 147-153.	2.0	10
46	Impact of Initial Shunt Type on Echocardiographic Indices in Children After Single Right Ventricle Palliations. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e007865.	2.6	10
47	Prevalence and Outcomes of Pediatric In-Hospital Cardiac Arrest Associated With Pulmonary Hypertension*. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 305-313.	0.5	10
48	Cor Triatriatum Sinister with and without Left Ventricular Inflow Obstruction: Visualization of the Entire Supravalvular Membrane by Real-time Three-dimensional Echocardiography. Impact on Clinical Management of Individual Patient. <i>Congenital Heart Disease</i> , 2006, 1, 335-339.	0.2	9
49	Tricuspid annular plane systolic excursion correlates with exercise capacity in a cohort of patients with hypoplastic left heart syndrome after Fontan operation. <i>Echocardiography</i> , 2016, 33, 1897-1902.	0.9	9
50	Echocardiographic Screening of Cardiovascular Status in Pediatric Sickle Cell Disease. <i>Pediatric Cardiology</i> , 2019, 40, 1670-1678.	1.3	9
51	Longitudinal growth in patients with single ventricle cardiac disease receiving tube-assisted feeds. <i>Congenital Heart Disease</i> , 2019, 14, 1058-1065.	0.2	9
52	Longitudinal changes in echocardiographic measures of ventricular function after Fontan operation. <i>Echocardiography</i> , 2020, 37, 1443-1448.	0.9	9
53	Longitudinal Validation of the Diastolic to Systolic Time-velocity Integral Ratio as a Doppler-Derived Measure of Pulmonary Regurgitation in Patients with Repaired Tetralogy of Fallot. <i>Pediatric Cardiology</i> , 2017, 38, 240-246.	1.3	8
54	Echocardiographic Assessment of Right Ventricular Function in Clinically Well Pediatric Heart Transplantation Patients and Comparison With Normal Control Subjects. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 537-544.e3.	2.8	8

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55	Left Valvar Morphology Is Associated With Late Regurgitation in Atrioventricular Canal Defect. <i>Annals of Thoracic Surgery</i> , 2020, 110, 969-978.	1.3	8
56	Experience With Biventricular Intervention for Neonates With Mitral Valve Abnormalities in the Setting of Critical Left-Side Heart Obstruction. <i>Annals of Thoracic Surgery</i> , 2015, 99, 877-883.	1.3	7
57	Early Impact of Fontan Operation on Enteric Protein Loss. <i>Annals of Thoracic Surgery</i> , 2016, 101, 1025-1030.	1.3	7
58	Patent Ductus Arteriosus and the Effects of Its Late Closure in Preterm Infants with Severe Bronchopulmonary Dysplasia. <i>Neonatology</i> , 2019, 116, 236-243.	2.0	7
59	Identifying Risk Factors for Complicated Post-operative Course in Tetralogy of Fallot Using a Machine Learning Approach. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 685855.	2.4	7
60	Early postoperative remodelling following repair of tetralogy of Fallot utilising unседated cardiac magnetic resonance: a pilot study. <i>Cardiology in the Young</i> , 2018, 28, 697-701.	0.8	6
61	Intraoperative transesophageal echocardiographic predictors of recurrent left ventricular outflow tract obstruction in children undergoing subaortic stenosis resection. <i>Echocardiography</i> , 2018, 35, 678-684.	0.9	6
62	Preoperative echocardiographic parameters predict primary graft dysfunction following pediatric lung transplantation. <i>Pediatric Transplantation</i> , 2021, 25, e13858.	1.0	6
63	Fontan Geometry and Hemodynamics Are Associated With Quality of Life in Adolescents and Young Adults. <i>Annals of Thoracic Surgery</i> , 2022, 114, 841-847.	1.3	6
64	Quality of Life is Diminished in Patients with Tetralogy of Fallot with Mild Residual Disease: A Comparison of Tetralogy of Fallot and Isolated Valvar Pulmonary Stenosis. <i>Pediatric Cardiology</i> , 2017, 38, 1645-1653.	1.3	5
65	Complete Versus Staged Repair for Neonates With Tetralogy of Fallot. <i>Medical Care</i> , 2018, 56, e76-e82.	2.4	5
66	Genetic variants of HIF1 $\alpha$ are associated with right ventricular fibrotic load in repaired tetralogy of Fallot patients: a cardiovascular magnetic resonance study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 51.	3.3	5
67	Factors associated with discontinuation of pulmonary vasodilator therapy in children with bronchopulmonary dysplasia-associated pulmonary hypertension. <i>Journal of Perinatology</i> , 2022, 42, 1246-1254.	2.0	5
68	Perioperative Factors Influence the Long-Term Outcomes of Children and Adolescents with Repaired Tetralogy of Fallot. <i>Pediatric Cardiology</i> , 2018, 39, 1433-1439.	1.3	4
69	Prognostic Value of Serial Echocardiography in Hypoplastic Left Heart Syndrome. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e008006.	2.6	3
70	Echocardiographic strain analysis reflects impaired ventricular function in youth with pediatric-onset systemic lupus erythematosus. <i>Echocardiography</i> , 2020, 37, 2082-2090.	0.9	2
71	Comparison of serum biomarkers of myocardial fibrosis with cardiac magnetic resonance in patients operated for tetralogy of Fallot. <i>International Journal of Cardiology</i> , 2022, 358, 27-33.	1.7	2
72	Ventricular function in tetralogy of Fallot: A waste of energy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 1348.	0.8	1

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73	What Echocardiographic Measure Should Be Used to Assess Right Ventricular Function in Tetralogy of Fallot?. Journal of Cardiovascular Diseases & Diagnosis, 2017, 05, .	0.0	1
74	Right Ventricular Strain Is Associated with Increased Length of Stay after Tetralogy of Fallot Repair. Journal of Cardiovascular Imaging, 2022, 29, 50-58.	0.7	1
75	Right atrial function early after tetralogy of Fallot repair. International Journal of Cardiovascular Imaging, 2022, 38, 1961-1972.	0.6	0