

Shelby Kutty

List of Publications by Year in descending order

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Version: 2024-02-01

305
papers

8,253
citations

57758

44
h-index

76900

74
g-index

331
all docs

331
docs citations

331
times ranked

8806
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokine Storm in COVID-19—Immunopathological Mechanisms, Clinical Considerations, and Therapeutic Approaches: The REPROGRAM Consortium Position Paper. <i>Frontiers in Immunology</i> , 2020, 11, 1648.	4.8	370
2	Clinical Applications of Ultrasonic Enhancing Agents in Echocardiography: 2018 American Society of Echocardiography Guidelines Update. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 241-274.	2.8	282
3	Cardiovascular Magnetic Resonance Myocardial Feature Tracking. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, e004077.	2.6	272
4	Inter-study reproducibility of cardiovascular magnetic resonance myocardial feature tracking. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 34.	3.3	200
5	Outcomes of Congenital Diaphragmatic Hernia in the Modern Era of Management. <i>Journal of Pediatrics</i> , 2013, 163, 114-119.e1.	1.8	185
6	Quantification of left atrial strain and strain rate using Cardiovascular Magnetic Resonance myocardial feature tracking: a feasibility study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, 60.	3.3	185
7	Changes in Left Ventricular Longitudinal Strain with Anthracycline Chemotherapy in Adolescents Precede Subsequent Decreased Left Ventricular Ejection Fraction. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 733-740.	2.8	182
8	Quality of Life of Adults With Congenital Heart Disease in 15 Countries. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2237-2245.	2.8	142
9	Cardiac Magnetic Resonance Myocardial Feature Tracking for Optimized Prediction of Cardiovascular Events Following Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1433-1444.	5.3	142
10	Right Ventricular Adaptation and Failure in Pulmonary Arterial Hypertension. <i>Canadian Journal of Cardiology</i> , 2015, 31, 391-406.	1.7	140
11	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
12	FOXO1-mediated upregulation of pyruvate dehydrogenase kinase-4 (PDK4) decreases glucose oxidation and impairs right ventricular function in pulmonary hypertension: therapeutic benefits of dichloroacetate. <i>Journal of Molecular Medicine</i> , 2013, 91, 333-346.	3.9	125
13	Cardiovascular magnetic resonance myocardial feature tracking detects quantitative wall motion during dobutamine stress. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, 58.	3.3	121
14	The intra-observer reproducibility of cardiovascular magnetic resonance myocardial feature tracking strain assessment is independent of field strength. <i>European Journal of Radiology</i> , 2013, 82, 296-301.	2.6	121
15	Novel Insights Into RV Adaptation and Function in Hypoplastic Left Heart Syndrome Between the First 2 Stages of Surgical Palliation. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 128-137.	5.3	116
16	Increased hepatic stiffness as consequence of high hepatic afterload in the fontan circulation: A vascular doppler and elastography study. <i>Hepatology</i> , 2014, 59, 251-260.	7.3	107
17	Cardiovascular magnetic resonance myocardial feature tracking for quantitative viability assessment in ischemic cardiomyopathy. <i>International Journal of Cardiology</i> , 2013, 166, 413-420.	1.7	97
18	Patent Foramen Ovale. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1665-1671.	2.8	95

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19	Ischemia-induced Drp1 and Fis1-mediated mitochondrial fission and right ventricular dysfunction in pulmonary hypertension. <i>Journal of Molecular Medicine</i> , 2017, 95, 381-393.	3.9	90
20	Role of Dynamin-Related Protein 1 (Drp1)-Mediated Mitochondrial Fission in Oxygen Sensing and Constriction of the Ductus Arteriosus. <i>Circulation Research</i> , 2013, 112, 802-815.	4.5	88
21	Assessment of Patterns of Patient-Reported Outcomes in Adults with Congenital Heart disease – International Study (APPROACH-IS): Rationale, design, and methods. <i>International Journal of Cardiology</i> , 2015, 179, 334-342.	1.7	84
22	Epigenetic Metabolic Reprogramming of Right Ventricular Fibroblasts in Pulmonary Arterial Hypertension. <i>Circulation Research</i> , 2020, 126, 1723-1745.	4.5	83
23	Three-dimensional printed models in congenital heart disease. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 137-144.	1.5	77
24	Long-Term (5- to 20-Year) Outcomes After Transcatheter or Surgical Treatment of Hemodynamically Significant Isolated Secundum Atrial Septal Defect. <i>American Journal of Cardiology</i> , 2012, 109, 1348-1352.	1.6	70
25	Exercise Stress Real-Time Cardiac Magnetic Resonance Imaging for Noninvasive Characterization of Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2021, 143, 1484-1498.	1.6	69
26	Intermediate to Long-Term Outcome Following Congenital Coronary Artery Fistulae Closure With Focus on Thrombus Formation. <i>American Journal of Cardiology</i> , 2011, 107, 302-308.	1.6	67
27	Patient-reported outcomes in adults with congenital heart disease: Inter-country variation, standard of living and healthcare system factors. <i>International Journal of Cardiology</i> , 2018, 251, 34-41.	1.7	66
28	Echocardiography and Cardiac Magnetic Resonance-Based Feature Tracking in the Assessment of Myocardial Mechanics in Tetralogy of Fallot: An Intermodality Comparison. <i>Echocardiography</i> , 2013, 30, 203-210.	0.9	63
29	An Interagency Registry for Mechanically Assisted Circulatory Support (INTERMACS) analysis of hospitalization, functional status, and mortality after mechanical circulatory support in adults with congenital heart disease. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 619-630.	0.6	62
30	Reduced global longitudinal and radial strain with normal left ventricular ejection fraction late after effective repair of aortic coarctation: a CMR feature tracking study. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 141-150.	1.5	61
31	Regional Dysfunction of the Right Ventricular Outflow Tract Reduces the Accuracy of Doppler Tissue Imaging Assessment of Global Right Ventricular Systolic Function in Patients with Repaired Tetralogy of Fallot. <i>Journal of the American Society of Echocardiography</i> , 2011, 24, 637-643.	2.8	59
32	Tricuspid Regurgitation in Hypoplastic Left Heart Syndrome. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 765-772.	2.6	58
33	Insights into the Evolution of Myocardial Dysfunction in the Functionally Single Right Ventricle between Staged Palliations Using Speckle-Tracking Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 314-322.	2.8	58
34	Systemic Venous Diameters, Collapsibility Indices, and Right Atrial Measurements in Normal Pediatric Subjects. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 155-162.	2.8	58
35	Cardiac Magnetic Resonance Imaging for the Assessment of the Myocardium After Doxorubicin-based Chemotherapy. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2015, 38, 377-381.	1.3	58
36	Quantification of atrial dynamics using cardiovascular magnetic resonance: inter-study reproducibility. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 36.	3.3	58

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37	Functional Maturation of Left and Right Atrial Systolic and Diastolic Performance in Infants, Children, and Adolescents. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 398-409.e2.	2.8	56
38	Left Atrial Function with MRI Enables Prediction of Cardiovascular Events after Myocardial Infarction: Insights from the AIDA STEMI and TATORT NSTEMI Trials. <i>Radiology</i> , 2019, 293, 292-302.	7.3	56
39	Serial Assessment of Right Ventricular Volume and Function in Surgically Palliated Hypoplastic Left Heart Syndrome Using Real-Time Transthoracic Three-Dimensional Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 682-689.	2.8	55
40	Impact of Socioeconomic Status, Race and Ethnicity, and Geography on Prenatal Detection of Hypoplastic Left Heart Syndrome and Transposition of the Great Arteries. <i>Circulation</i> , 2021, 143, 2049-2060.	1.6	54
41	Assessment of Regional Right Ventricular Velocities, Strain, and Displacement in Normal Children Using Velocity Vector Imaging. <i>Echocardiography</i> , 2008, 25, 294-307.	0.9	53
42	Contemporary management and outcomes in congenitally corrected transposition of the great arteries. <i>Heart</i> , 2018, 104, 1148-1155.	2.9	52
43	Endovascular Stent Grafts for Large Thoracic Aneurysms After Coarctation Repair. <i>Annals of Thoracic Surgery</i> , 2008, 85, 1332-1338.	1.3	51
44	Inter-study reproducibility of left ventricular torsion and torsion rate quantification using MR myocardial feature tracking. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 128-137.	3.4	49
45	Left Atrial Performance in the Course of Hypertrophic Cardiomyopathy. <i>Investigative Radiology</i> , 2017, 52, 177-185.	6.2	49
46	Inter-vendor reproducibility of left and right ventricular cardiovascular magnetic resonance myocardial feature-tracking. <i>PLoS ONE</i> , 2018, 13, e0193746.	2.5	47
47	Validation of volumetric and single-slice MRI adipose analysis using a novel fully automated segmentation method. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 233-241.	3.4	46
48	Echocardiographic Diagnosis, Surgical Treatment, and Outcomes of Anomalous Left Coronary Artery from the Pulmonary Artery. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 896-903.	2.8	45
49	Diastolic Heart Failure in Patients With the Fontan Circulation. <i>JAMA Cardiology</i> , 2020, 5, 590.	6.1	45
50	Pediatric echocardiographic nomograms: What has been done and what still needs to be done. <i>Trends in Cardiovascular Medicine</i> , 2017, 27, 336-349.	4.9	42
51	Right Atrial Deformation in Predicting Outcomes in Pediatric Pulmonary Hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	41
52	Medium-Term Complications Associated With Coronary Artery Aneurysms After Kawasaki Disease: A Study From the International Kawasaki Disease Registry. <i>Journal of the American Heart Association</i> , 2020, 9, e016440.	3.7	41
53	Quantification of Left Ventricular Torsion and Diastolic Recoil Using Cardiovascular Magnetic Resonance Myocardial Feature Tracking. <i>PLoS ONE</i> , 2014, 9, e109164.	2.5	40
54	The Assessment of Atrial Function in Single Ventricle Hearts from Birth to Fontan: A Speckle-Tracking Study by Using Strain and Strain Rate. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 756-764.	2.8	39

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55	Three-Dimensional Echocardiography in the Assessment of Congenital Mitral Valve Disease. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 142-154.	2.8	39
56	Myocardial Perfusion, Scarring, and Function in Anomalous Left Coronary Artery From the Pulmonary Artery Syndrome: A Long-Term Analysis Using Magnetic Resonance Imaging. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1425-1436.	1.3	38
57	Carbonylation Induces Heterogeneity in Cardiac Ryanodine Receptor Function in Diabetes Mellitus. <i>Molecular Pharmacology</i> , 2012, 82, 383-399.	2.3	37
58	Reproductive and Contraceptive Counseling Received by Adult Women with Congenital Heart Disease: A Risk-based Analysis. <i>Congenital Heart Disease</i> , 2013, 8, 20-31.	0.2	37
59	Systemic ventricular assist device support in Fontan patients: A report by ACTION. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 368-376.	0.6	37
60	Gain of function of cardiac ryanodine receptor in a rat model of type 1 diabetes. <i>Cardiovascular Research</i> , 2011, 91, 300-309.	3.8	36
61	Physical Functioning, Mental Health, and Quality of Life in Different Congenital Heart Defects: Comparative Analysis in 3538 Patients From 15 Countries. <i>Canadian Journal of Cardiology</i> , 2021, 37, 215-223.	1.7	36
62	Evaluation of Atrioventricular Septal Defects by Three-Dimensional Echocardiography: Benefits of Navigating the Third Dimension. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 932-944.	2.8	35
63	Nomograms for two-dimensional echocardiography derived valvular and arterial dimensions in Caucasian children. <i>Journal of Cardiology</i> , 2017, 69, 208-215.	1.9	35
64	Qualitative Echocardiographic Assessment of Aortic Valve Regurgitation with Quantitative Cardiac Magnetic Resonance: A Comparative Study. <i>Pediatric Cardiology</i> , 2009, 30, 971-977.	1.3	34
65	Magnetic resonance imaging catheter stress haemodynamics post-Fontan in hypoplastic left heart syndrome. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 644-651.	1.2	34
66	Safety of cardiac magnetic resonance and contrast angiography for neonates and small infants: a 10-year single-institution experience. <i>Pediatric Radiology</i> , 2012, 42, 1339-1346.	2.0	32
67	The Total Right/Left-Volume Index: A New and Simplified Cardiac Magnetic Resonance Measure to Evaluate the Severity of Ebstein Anomaly of the Tricuspid Valve. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 601-609.	2.6	31
68	Role of imaging in the evaluation of single ventricle with the Fontan palliation. <i>Heart</i> , 2016, 102, 174-183.	2.9	31
69	Abnormal right atrial performance in repaired tetralogy of Fallot: A CMR feature tracking analysis. <i>International Journal of Cardiology</i> , 2017, 248, 136-142.	1.7	31
70	Preoperative and Intraoperative Predictive Factors of Immediate Extubation After Neonatal Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1588-1595.	1.3	30
71	Fontan Circulation of the Next Generation: Why It's Necessary, What it Might Look Like. <i>Journal of the American Heart Association</i> , 2020, 9, e013691.	3.7	30
72	Use of a straight, side-hole delivery sheath for improved delivery of amplatzer ASD occluder. <i>Catheterization and Cardiovascular Interventions</i> , 2007, 69, 15-20.	1.7	29

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73	Dobutamine stress MRI in repaired tetralogy of Fallot with chronic pulmonary regurgitation. <i>International Journal of Cardiology</i> , 2013, 166, 96-105.	1.7	29
74	Assessment of cardiovascular physiology using dobutamine stress cardiovascular magnetic resonance reveals impaired contractile reserve in patients with cirrhotic cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 61.	3.3	29
75	Myocardial Feature Tracking Reduces Observer-Dependence in Low-Dose Dobutamine Stress Cardiovascular Magnetic Resonance. <i>PLoS ONE</i> , 2015, 10, e0122858.	2.5	29
76	Quantifying clinical change: discrepancies between patients' and providers' perspectives. <i>Quality of Life Research</i> , 2016, 25, 2213-2220.	3.1	29
77	Atrioventricular Valve Regurgitation in Single Ventricle Heart Disease: A Common Problem Associated With Progressive Deterioration and Mortality. <i>Journal of the American Heart Association</i> , 2020, 9, e015737.	3.7	29
78	Main pulmonary artery dilation in association with congenital bicuspid aortic valve in the absence of pulmonary valve abnormality. <i>Heart</i> , 2010, 96, 1756-1761.	2.9	28
79	Reactive carbonyl species and their roles in sarcoplasmic reticulum Ca ²⁺ cycling defect in the diabetic heart. <i>Heart Failure Reviews</i> , 2014, 19, 101-112.	3.9	28
80	Nomograms for mitral inflow Doppler and tissue Doppler velocities in Caucasian children. <i>Journal of Cardiology</i> , 2016, 68, 288-299.	1.9	28
81	Pulmonary Valve Replacement Improves But Does Not Normalize Right Ventricular Mechanics in Repaired Congenital Heart Disease: A Comparative Assessment Using Velocity Vector Imaging. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 1216-1221.	2.8	27
82	High mass (> 18 g) of late gadolinium enhancement on CMR imaging is associated with major cardiac events on long-term outcome in patients with biopsy-proven extracardiac sarcoidosis. <i>International Journal of Cardiology</i> , 2016, 222, 950-956.	1.7	27
83	Illness perceptions in adult congenital heart disease: A multi-center international study. <i>International Journal of Cardiology</i> , 2017, 244, 130-138.	1.7	27
84	Reduced Right Ventricular Fractional Area Change, Strain, and Strain Rate before Bidirectional Cavopulmonary Anastomosis is Associated with Medium-Term Mortality for Children with Hypoplastic Left Heart Syndrome. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 831-842.	2.8	27
85	Religion and spirituality as predictors of patient-reported outcomes in adults with congenital heart disease around the globe. <i>International Journal of Cardiology</i> , 2019, 274, 93-99.	1.7	27
86	Cardiovascular magnetic resonance imaging feature tracking: Impact of training on observer performance and reproducibility. <i>PLoS ONE</i> , 2019, 14, e0210127.	2.5	27
87	Education as important predictor for successful employment in adults with congenital heart disease worldwide. <i>Congenital Heart Disease</i> , 2019, 14, 362-371.	0.2	27
88	Ultrasound contrast and real-time perfusion in conjunction with supine bicycle stress echocardiography for comprehensive evaluation of surgically corrected congenital heart disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 500-509.	1.2	26
89	Delivery of Hydrogen Sulfide by Ultrasound Targeted Microbubble Destruction Attenuates Myocardial Ischemia-reperfusion Injury. <i>Scientific Reports</i> , 2016, 6, 30643.	3.3	26
90	A multinational observational investigation of illness perceptions and quality of life among patients with a Fontan circulation. <i>Congenital Heart Disease</i> , 2018, 13, 392-400.	0.2	26

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91	Prognostic Value of a New Lung Ultrasound Score to Predict Intensive Care Unit Stay in Pediatric Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2020, 109, 178-184.	1.3	26
92	Head-to-head comparison of cardiovascular MR feature tracking cine versus acquisition-based deformation strain imaging using myocardial tagging and strain encoding. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 357-368.	3.0	26
93	Ascending Aortic and Main Pulmonary Artery Areas Derived From Cardiovascular Magnetic Resonance as Reference Values for Normal Subjects and Repaired Tetralogy of Fallot. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 644-651.	2.6	25
94	Review and status report of pediatric left ventricular systolic strain and strain rate nomograms. <i>Heart Failure Reviews</i> , 2015, 20, 601-612.	3.9	25
95	Multimodality Noninvasive Imaging in the Monitoring of Pediatric Heart Transplantation. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 859-870.	2.8	25
96	Mechanical function of the left atrium is improved with epicardial ligation of the left atrial appendage: Insights from the LAFIT-LARIAT Registry. <i>Heart Rhythm</i> , 2018, 15, 955-959.	0.7	25
97	Culprit vessel-related myocardial mechanics and prognostic implications following acute myocardial infarction. <i>Clinical Research in Cardiology</i> , 2020, 109, 339-349.	3.3	25
98	Activation of the EGFR/p38/JNK pathway by mitochondrial-derived hydrogen peroxide contributes to oxygen-induced contraction of ductus arteriosus. <i>Journal of Molecular Medicine</i> , 2014, 92, 995-1007.	3.9	24
99	Maturation patterns in right ventricular strain mechanics from the fetus to the young infant. <i>Early Human Development</i> , 2019, 129, 23-32.	1.8	24
100	Right Ventricular Strain Predicts Structural Disease Progression in Patients With Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2020, 9, e015016.	3.7	24
101	Medium-Term Outcomes of Kawashima and Completion Fontan Palliation in Single-Ventricle Heart Disease With Heterotaxy and Interrupted Inferior Vena Cava. <i>Annals of Thoracic Surgery</i> , 2010, 90, 1609-1613.	1.3	23
102	Long term outcomes among adults post transcatheter atrial septal defect closure: Systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2018, 270, 126-132.	1.7	23
103	Impact of Treatment Modality on Vascular Function in Coarctation of the Aorta: The LOVE-COARCT Study. <i>Journal of the American Heart Association</i> , 2019, 8, e011536.	3.7	23
104	Transthoracic Echocardiography in Pediatric Intensive Care. <i>Pediatric Critical Care Medicine</i> , 2014, 15, 329-335.	0.5	22
105	Intensity of Left Atrial Spontaneous Echo Contrast as a Correlate for Stroke Risk Stratification in Patients with Nonvalvular Atrial Fibrillation. <i>Scientific Reports</i> , 2016, 6, 27650.	3.3	22
106	Fast manual long-axis strain assessment provides optimized cardiovascular event prediction following myocardial infarction. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1262-1270.	1.2	22
107	Impact of Right Atrial Physiology on Heart Failure and Adverse Events after Myocardial Infarction. <i>Journal of Clinical Medicine</i> , 2020, 9, 210.	2.4	22
108	Microbubble Mediated Thrombus Dissolution with Diagnostic Ultrasound for the Treatment of Chronic Venous Thrombi. <i>PLoS ONE</i> , 2012, 7, e51453.	2.5	22

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109	Lung ultrasound in adult and paediatric cardiac surgery: is it time for routine use?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 22, 208-215.	1.1	21
110	Left ventricular synchrony, torsion, and recoil mechanics in Ebstein's anomaly: insights from cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017, 19, 101.	3.3	21
111	Atrio-ventricular deformation and heart failure in Ebstein's Anomaly – A cardiovascular magnetic resonance study. <i>International Journal of Cardiology</i> , 2018, 257, 54-61.	1.7	21
112	MiR-133a Mimic Alleviates T1DM-Induced Systolic Dysfunction in Akita: An MRI-Based Study. <i>Frontiers in Physiology</i> , 2018, 9, 1275.	2.8	21
113	Defining the optimal temporal and spatial resolution for cardiovascular magnetic resonance imaging feature tracking. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 60.	3.3	21
114	Echocardiographic Knowledge-Based Reconstruction for Quantification of the Systemic Right Ventricle in Young Adults With Repaired D-Transposition of Great Arteries. <i>American Journal of Cardiology</i> , 2012, 109, 881-888.	1.6	20
115	Left Ventricular Rotational and Twist Mechanics in the Human Fetal Heart. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 773-780.e1.	2.8	20
116	Sense of coherence in adults with congenital heart disease in 15 countries: Patient characteristics, cultural dimensions and quality of life. <i>European Journal of Cardiovascular Nursing</i> , 2021, 20, 48-55.	0.9	20
117	Cardiovascular Toxicities of Androgen Deprivation Therapy. <i>Current Treatment Options in Oncology</i> , 2021, 22, 47.	3.0	20
118	Flow-sensitive four-dimensional velocity-encoded magnetic resonance imaging reveals abnormal blood flow patterns in the aorta and pulmonary trunk of patients with transposition. <i>Cardiology in the Young</i> , 2014, 24, 47-53.	0.8	19
119	Five-year experience with immediate extubation after arterial switch operations for transposition of great arteries. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, 728-734.	1.4	19
120	Association of Pediatric Medical Emergency Teams With Hospital Mortality. <i>Circulation</i> , 2018, 137, 38-46.	1.6	19
121	Physical Activity-Related Drivers of Perceived Health Status in Adults With Congenital Heart Disease. <i>American Journal of Cardiology</i> , 2018, 122, 1437-1442.	1.6	19
122	Health behaviours reported by adults with congenital heart disease across 15 countries. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 1077-1087.	1.8	19
123	Fully Automated Cardiac Assessment for Diagnostic and Prognostic Stratification Following Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2020, 9, e016612.	3.7	19
124	Sonothrombolysis of Intra-Catheter Aged Venous Thrombi Using Microbubble Enhancement and Guided Three-Dimensional Ultrasound Pulses. <i>Journal of the American Society of Echocardiography</i> , 2010, 23, 1001-1006.	2.8	18
125	Hepatic stiffness in the bidirectional cavopulmonary circulation: The Liver Adult-Pediatric-Congenital-Heart-Disease Dysfunction Study group. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 678-684.	0.8	18
126	Regional variation in quality of life in patients with a Fontan circulation: A multinational perspective. <i>American Heart Journal</i> , 2017, 193, 55-62.	2.7	18

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127	Usefulness of Pulmonary Arterial End-Diastolic Forward Flow Late After Tetralogy of Fallot Repair to Predict a "Restrictive" Right Ventricle. <i>American Journal of Cardiology</i> , 2018, 121, 1380-1386.	1.6	18
128	Left and Right Atrial Strain in Healthy Caucasian Children by Two-Dimensional Speckle-Tracking Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 165-168.e3.	2.8	18
129	Association of left ventricular size with regional right ventricular mechanics in Hypoplastic Left Heart Syndrome. <i>International Journal of Cardiology</i> , 2020, 298, 66-71.	1.7	18
130	Causes of Recurrent Focal Neurologic Events After Transcatheter Closure of Patent Foramen Ovale With the CardioSEAL Septal Occluder. <i>American Journal of Cardiology</i> , 2008, 101, 1487-1492.	1.6	17
131	Assessment of ventriculo-vascular properties in repaired coarctation using cardiac magnetic resonance-derived aortic, left atrial and left ventricular strain. <i>European Radiology</i> , 2017, 27, 167-177.	4.5	17
132	Myocardial deformation assessed by longitudinal strain: Chamber specific normative data for CMR-feature tracking from the German competence network for congenital heart defects. <i>European Radiology</i> , 2018, 28, 1257-1266.	4.5	17
133	Epicardial Echocardiography in Pediatric and Congenital Heart Surgery. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2019, 10, 343-350.	0.8	17
134	Perceived Health Mediates Effects of Physical Activity on Quality of Life in Patients With a Fontan Circulation. <i>American Journal of Cardiology</i> , 2019, 124, 144-150.	1.6	17
135	Right ventricular systolic dysfunction but not dilatation correlates with prognostically significant reductions in exercise capacity in repaired Tetralogy of Fallot. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 906-913.	1.2	17
136	Atrial Function and Its Role in the Non-invasive Evaluation of Diastolic Function in Congenital Heart Disease. <i>Pediatric Cardiology</i> , 2020, 41, 654-668.	1.3	17
137	Artificial intelligence in pediatric cardiology: taking baby steps in the big world of data. <i>Current Opinion in Cardiology</i> , 2022, 37, 130-136.	1.8	17
138	Multimodality Imaging in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, CIRCIMAGING121013725.	2.6	17
139	Computed Tomography in Congenital Heart Disease: Clinical Applications and Technical Considerations. <i>Echocardiography</i> , 2016, 33, 629-640.	0.9	16
140	Tricuspid Valve Adaptation during the First Interstage Period in Hypoplastic Left Heart Syndrome. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 624-633.	2.8	16
141	Outcomes related to immediate extubation after stage 1 Norwood palliation for hypoplastic left heart syndrome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1591-1598.	0.8	16
142	Atrial arrhythmias and patient-reported outcomes in adults with congenital heart disease: An international study. <i>Heart Rhythm</i> , 2021, 18, 793-800.	0.7	16
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