

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	Successfully implemented artificial intelligence and machine learning applications in cardiology: State-of-the-art review. <i>Trends in Cardiovascular Medicine</i> , 2023, 33, 265-271.	4.9	8
2	Echocardiographic scores for biventricular repair risk prediction of congenital heart disease with borderline left ventricle: a review. <i>Heart Failure Reviews</i> , 2023, 28, 63-76.	3.9	4
3	Influence of right ventricular pressure and volume overload on right and left ventricular diastolic function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, e299-e308.	0.8	1
4	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
5	A Primer on the Present State and Future Prospects for Machine Learning and Artificial Intelligence Applications in Cardiology. <i>Canadian Journal of Cardiology</i> , 2022, 38, 169-184.	1.7	14
6	Automated Peak Prominence-Based Iterative Dijkstra's Algorithm for Segmentation of B-Mode Echocardiograms. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 1595-1607.	4.2	2
7	Myocardial Parametric Mapping by Cardiac Magnetic Resonance Imaging in Pediatric Cardiology and Congenital Heart Disease. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, CIRCIMAGING120012242.	2.6	9
8	OUP accepted manuscript. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, , .	1.4	1
9	Multimodality Imaging in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, CIRCIMAGING121013725.	2.6	17
10	Normal Values and Patterns of Normality and Physiological Variability of Mitral and Tricuspid Inflow Pulsed Doppler in Healthy Children. <i>Healthcare (Switzerland)</i> , 2022, 10, 355.	2.0	2
11	UNOS listing status-related changes in mechanical circulatory support utilization and outcomes in adult congenital heart disease patients. <i>Journal of Heart and Lung Transplantation</i> , 2022, , .	0.6	4
12	A method for direct estimation of left ventricular global longitudinal strain rate from echocardiograms. <i>Scientific Reports</i> , 2022, 12, 4008.	3.3	4
13	Overview of Lung Ultrasound in Pediatric Cardiology. <i>Diagnostics</i> , 2022, 12, 763.	2.6	4
14	Left ventricular myocardial work indices in pediatric hypertension: correlations with conventional echocardiographic assessment and subphenotyping. <i>European Journal of Pediatrics</i> , 2022, 181, 2643-2654.	2.7	5
15	End-diastolic Forward Flow and Restrictive Physiology in Repaired Tetralogy of Fallot: A Systematic Review and Meta-analysis. <i>Journal of the American Heart Association</i> , 2022, 11, e024036.	3.7	9
16	Patterns of cardiovascular magnetic resonance inflammation in acute myocarditis from South Asia and Middle East. <i>IJC Heart and Vasculature</i> , 2022, 40, 101029.	1.1	1
17	Heart Failure and Patient-reported Outcomes in Adults With Congenital Heart Disease from 15 Countries. <i>Journal of the American Heart Association</i> , 2022, 11, e024993.	3.7	10
18	Atrial Function Impairments after Pediatric Cardiac Surgery Evaluated by STE Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 2497.	2.4	1

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19	Deterioration in myocardial work indices precedes changes in global longitudinal strain following anthracycline chemotherapy. <i>International Journal of Cardiology</i> , 2022, 363, 171-178.	1.7	9
20	Increased Hepatic Stiffness in Young Adults After Biventricular Repair of Congenital Heart Disease. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1335-1341.	1.3	3
21	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
22	Differences in right ventricular-pulmonary vascular coupling and clinical indices between repaired standard tetralogy of Fallot and repaired tetralogy of Fallot with pulmonary atresia. <i>Diagnostic and Interventional Imaging</i> , 2021, 102, 85-91.	3.2	2
23	Ultrasound Theranostics in Adult and Pediatric Cardiovascular Research. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 185-190.	2.6	4
24	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
25	Progression of left ventricular diastolic function in the neonate and early childhood from transmitral color M-mode filling analysis. <i>Pediatric Research</i> , 2021, 89, 987-995.	2.3	2
26	Functional and prognostic implications of cardiac magnetic resonance feature tracking-derived remote myocardial strain analyses in patients following acute myocardial infarction. <i>Clinical Research in Cardiology</i> , 2021, 110, 270-280.	3.3	12
27	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
28	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
29	Lesion-based Patterns of Morbidity and Mortality in Hospitalized Adolescents with Congenital Heart Disease. <i>Congenital Heart Disease</i> , 2021, 16, 299-307.	0.2	0
30	Echocardiographic Screening of Anomalous Origin of Coronary Arteries in Athletes with a Focus on High Take-Off. <i>Healthcare (Switzerland)</i> , 2021, 9, 231.	2.0	8
31	Phenotypes of adults with congenital heart disease around the globe: a cluster analysis. <i>Health and Quality of Life Outcomes</i> , 2021, 19, 53.	2.4	8
32	LV non-compaction in patients with coarctation of the aorta: prevalence and effects on cardiac function. <i>Cardiology in the Young</i> , 2021, 31, 1445-1450.	0.8	2
33	Characterization of left ventricular cavity flow, wall stress and energy loss by color doppler vector flow mapping in children and adolescents with cardiomyopathy. <i>IJC Heart and Vasculature</i> , 2021, 32, 100703.	1.1	2
34	Management considerations in the adult with surgically modified d-transposition of the great arteries. <i>Heart</i> , 2021, 107, 1613-1619.	2.9	11
35	Intracardiac flow visualization using high-frame rate blood speckle tracking echocardiography: Illustrations from infants with congenital heart disease. <i>Echocardiography</i> , 2021, 38, 707-715.	0.9	9
36	Ultrasound-Mediated Microbubble Cavitation Transiently Reverses Acute Hindlimb Tissue Ischemia through Augmentation of Microcirculation Perfusion via the eNOS/NO Pathway. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 1014-1023.	1.5	6

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37	Cardiovascular Toxicities of Androgen Deprivation Therapy. <i>Current Treatment Options in Oncology</i> , 2021, 22, 47.	3.0	20
38	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
39	Patient-Reported Outcomes in Adults With Congenital Heart Disease Following Hospitalization (from) Tj ETQq1 1 0,784314 rgBT /Ove	1.6	7
40	Is biventricular vascular coupling a better indicator of ventriculo-ventricular interaction in congenital heart disease?. <i>Cardiology in the Young</i> , 2021, 31, 1-6.	0.8	0
41	Persistent Right Venous Valve: Insights From Multimodality Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e010977.	2.6	3
42	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
43	Translational research in pediatric contrast-enhanced ultrasound. <i>Pediatric Radiology</i> , 2021, 51, 2425-2436.	2.0	1
44	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
45	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
46	Smoking among adult congenital heart disease survivors in the United States: Prevalence and relationship with illness perceptions. <i>Journal of Behavioral Medicine</i> , 2021, 44, 772-783.	2.1	6
47	Clinical trajectory and the interpretation of end-diastolic forward flow in tetralogy of Fallot. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 1241.	1.4	1
48	Assessment of mitral valve function in children and young adults with hypertrophic cardiomyopathy using three-dimensional echocardiography. <i>International Journal of Cardiology</i> , 2021, 332, 182-188.	1.7	2
49	Association of Angiotensin Receptor Autoantibodies With Cardiovascular Abnormalities in Preeclampsia. <i>Journal of the American Heart Association</i> , 2021, 10, e020831.	3.7	5
50	The discerning ear: cardiac auscultation in the era of artificial intelligence and telemedicine. <i>European Heart Journal Digital Health</i> , 2021, 2, 456-466.	1.7	5
51	Contrast-enhanced ultrasound in pediatric echocardiography. <i>Pediatric Radiology</i> , 2021, 51, 2408-2417.	2.0	5
52	Donor Characteristics and Recipient Outcomes After Heart Transplantation in Adult Congenital Heart Disease. <i>Journal of the American Heart Association</i> , 2021, 10, e020248.	3.7	7
53	Dynamic Systolic Changes in Tricuspid Regurgitation Vena Contracta Size and Proximal Isovelocity Surface Area in Hypoplastic Left Heart Syndrome: A Three-Dimensional Color Doppler Echocardiographic Study. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 877-886.	2.8	2
54	Metabolomic Profiling of Adults with Congenital Heart Disease. <i>Metabolites</i> , 2021, 11, 525.	2.9	8

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55	Impaired Exercise Tolerance in Repaired Tetralogy of Fallot Is Associated With Impaired Biventricular Contractile Reserve: An Exercise-Stress Real-Time Cardiovascular Magnetic Resonance Study. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e011823.	2.6	10
56	Pain in adults with congenital heart disease - An international perspective. <i>International Journal of Cardiology Congenital Heart Disease</i> , 2021, 5, 100200.	0.4	1
57	Heart Transplantation for Pediatric and Congenital Cardiac Disease: A Comparison of Two Eras over 23 Years and 188 Transplants at a Single Institution. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2021, 12, 17-26.	0.8	2
58	A statistical comparison of reproducibility in current pediatric two-dimensional echocardiographic nomograms. <i>Pediatric Research</i> , 2021, 89, 579-590.	2.3	6
59	Bradyarrhythmias in Cardio-Oncology. <i>South Asian Journal of Cancer</i> , 2021, 10, 195-210.	0.6	0
60	Strategies to Prevent Acute Kidney Injury after Pediatric Cardiac Surgery. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 1480-1490.	4.5	15
61	Left Ventricular Systolic Impairment after Pediatric Cardiac Surgery Assessed by STE Analysis. <i>Healthcare (Switzerland)</i> , 2021, 9, 1338.	2.0	1
62	Left ventricular vortex analysis by high-frame rate blood speckle tracking echocardiography in healthy children and in congenital heart disease. <i>IJC Heart and Vasculature</i> , 2021, 37, 100897.	1.1	8
63	Pediatric ranges of normality for 2D speckle-tracking echocardiography atrial strain: differences between $\text{p}\hat{\epsilon}$ - and $\text{r}\hat{\epsilon}$ -gating and among new (Atrial Designed) and conventional (Ventricular Specific) software's. <i>Echocardiography</i> , 2021, 38, 2025-2031.	0.9	4
64	Intermediate Markers Underlying Electrocardiographic Predictors of Incident Atrial Fibrillation: the MESA. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, , CIRCEP121009805.	4.8	1
65	Medicine-Based Evidence in Congenital Heart Disease: How Artificial Intelligence Can Guide Treatment Decisions for Individual Patients. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 798215.	2.4	11
66	Abstract 10533: Greater Left Ventricular Mass And Abnormal Diastolic Myocardial Function In Neonates Of Pre-eclamptic Pregnancies. <i>Circulation</i> , 2021, 144, .	1.6	0
67	Tricuspid Valve Intervention at the Time of Pulmonary Valve Replacement in Adults With Congenital Heart Disease: A Systematic Review and Meta-Analysis. <i>Journal of the American Heart Association</i> , 2021, 10, e022909.	3.7	4
68	Anatomical Classification and Posttreatment Remodeling Characteristics to Guide Management and Follow-Up of Neonates and Infants With Coronary Artery Fistula: A Multicenter Study From the Coronary Artery Fistula Registry. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e009750.	3.9	12
69	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
70	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
71	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
72	Could judicious use of lung ultrasound reduce radiographic examinations in pediatric cardiac surgery patients?. <i>Journal of Clinical Anesthesia</i> , 2020, 61, 109638.	1.6	6

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73	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
74	Atrioventricular mechanical coupling and major adverse cardiac events in female patients following acute ST elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2020, 299, 31-36.	1.7	9
75	Echocardiographic examination of mitral valve abnormalities in the paediatric population: current practices. <i>Cardiology in the Young</i> , 2020, 30, 1-11.	0.8	14
76	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
77	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
78	Impact of left atrial appendage occlusion on left atrial functionâ€”The LAFIT Watchman study. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 58, 163-167.	1.3	14
79	Reply. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1946-1947.	1.3	0
80	Implantable cardioverter-defibrillators and patient-reported outcomes in adults with congenital heart disease: An international study. <i>Heart Rhythm</i> , 2020, 17, 768-776.	0.7	13
81	Left ventricular myocardial deformation as measure of hemodynamic burden in congenital valvular aortic stenosis. <i>International Journal of Cardiology</i> , 2020, 320, 133-138.	1.7	0
82	Extending fellowship for specialised training in paediatric cardiology: deciding when â€œenough is enoughâ€•and when â€œthe skyâ€™s the limitâ€• <i>Cardiology in the Young</i> , 2020, 30, 1557-1558.	0.8	0
83	Mediumâ€”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
84	Diaphragm Paralysis After Pediatric Cardiac Surgery: An STS Congenital Heart Surgery Database Study. <i>Annals of Thoracic Surgery</i> , 2020, 112, 139-146.	1.3	10
85	Altered Biatrial Phasic Function after Heart Transplantation in Children. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1132-1140.e2.	2.8	3
86	The 21st Annual Feigenbaum Lecture: Beyond Artificial: Echocardiography from Elegant Images to Analytic Intelligence. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1163-1171.	2.8	4
87	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
88	Development of a Novel Adult Congenital Heart Diseaseâ€”Specific Patientâ€”Reported Outcome Metric. <i>Journal of the American Heart Association</i> , 2020, 9, e015730.	3.7	11
89	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
90	Pediatric nomograms for left ventricle biplane 2D volumes in healthy Caucasian children. <i>Echocardiography</i> , 2020, 37, 971-975.	0.9	6

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91	Cardiac Magnetic Resonance Myocardial Feature Tracking for Optimized Risk Assessment After Acute Myocardial Infarction in Patients With Type 2 Diabetes. <i>Diabetes</i> , 2020, 69, 1540-1548.	0.6	13
92	Healthcare system inputs and patient-reported outcomes: a study in adults with congenital heart defect from 15 countries. <i>BMC Health Services Research</i> , 2020, 20, 496.	2.2	5
93	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
94	Epigenetic Metabolic Reprogramming of Right Ventricular Fibroblasts in Pulmonary Arterial Hypertension. <i>Circulation Research</i> , 2020, 126, 1723-1745.	4.5	83
95	Surveillance of Repaired Aortic Coarctation. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010426.	2.6	0
96	The Way Forward in Congenital Heart Disease Research. <i>JAMA Cardiology</i> , 2020, 5, 979.	6.1	4
97	Low-Molecular-Weight Heparin vs Warfarin for Thromboprophylaxis in Children With Coronary Artery Aneurysms After Kawasaki Disease: A Pragmatic Registry Trial. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1598-1607.	1.7	15
98	Left ventricular non-compaction in patients with single ventricle heart disease. <i>Cardiology in the Young</i> , 2020, 30, 12-18.	0.8	2
99	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
100	Diastolic Heart Failure in Patients With the Fontan Circulation. <i>JAMA Cardiology</i> , 2020, 5, 590.	6.1	45
101	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
102	Atrial septal defects and pulmonary hemodynamics: a time for holey reflection. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H1159-H1161.	3.2	0
103	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
104	Abstract 15545: Exercise-stress Real-time Cardiac Magnetic Resonance Imaging for Non-invasive Characterisation of Heart Failure With Preserved Ejection Fraction: The Hfpef Stress Trial. <i>Circulation</i> , 2020, 142, .	1.6	2
105	Abstract 15535: Automated Artificial Intelligence-based Myocardial Scar Quantification for Risk Assessment Following Myocardial Infarction. <i>Circulation</i> , 2020, 142, .	1.6	0
106	Abstract 13738: Longitudinal Changes and Remodeling in the Right Atrium: The Multi-ethnic Study of Atherosclerosis. <i>Circulation</i> , 2020, 142, .	1.6	0
107	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
108	Tricuspid Valve: Congenital Abnormalities and Stenosis. , 2019, , 263-270.		0

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109	Persistence of right ventricular dysfunction and altered morphometry in asymptomatic preterm Infants through one year of age: Cardiac phenotype of prematurity. <i>Cardiology in the Young</i> , 2019, 29, 945-953.	0.8	9
110	Association Between Postoperative Dexmedetomidine Use and Arrhythmias in Infants After Cardiac Surgery. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2019, 10, 440-445.	0.8	6
111	Differential impact of physical activity type on depression in adults with congenital heart disease: A multi-center international study. <i>Journal of Psychosomatic Research</i> , 2019, 124, 109762.	2.6	12
112	Prevalence and Effects of Cigarette Smoking, Cannabis Consumption, and Co-use in Adults From 15 Countries With Congenital Heart Disease. <i>Canadian Journal of Cardiology</i> , 2019, 35, 1842-1850.	1.7	14
113	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
114	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
115	Cardiovascular magnetic resonance imaging feature tracking: Impact of training on observer performance and reproducibility. <i>PLoS ONE</i> , 2019, 14, e0210127.	2.5	27
116	Three-Dimensional Echocardiography Derived Nomograms for Left Ventricular Volumes in Healthy Caucasian Italian Children. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 794-797.e1.	2.8	8
117	Transcatheter closure of atrial septal defect in adults: time-course of atrial and ventricular remodeling and effects on exercise capacity. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 2077-2084.	1.5	12
118	Epicardial Echocardiography in Pediatric and Congenital Heart Surgery. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2019, 10, 343-350.	0.8	17
119	A Primer on Multimodal Imaging and Cardiology-Radiology Congenital Heart Interface. <i>Children</i> , 2019, 6, 61.	1.5	1
120	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
121	Nomograms of pulsed Doppler velocities, times, and velocity time integrals for semilunar valves and great arteries in healthy Caucasian children. <i>International Journal of Cardiology</i> , 2019, 285, 133-139.	1.7	1
122	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
123	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
124	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
125	Shunts and the Single Right Ventricle. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008711.	2.6	0
126	Utility of expert focused cardiac ultrasound in paediatric cardiology outreach clinics. <i>Cardiology in the Young</i> , 2019, 29, 1468-1473.	0.8	1

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127	Impaired myocardial deformation and ventricular vascular coupling in obese adolescents with dysglycemia. <i>Cardiovascular Diabetology</i> , 2019, 18, 172.	6.8	9
128	Cardiopulmonary Resuscitation in the Pediatric Cardiac Catheterization Laboratory. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 1040-1047.	0.5	14
129	Infundibular sparing versus transinfundibular approach to the repair of tetralogy of Fallot. <i>Congenital Heart Disease</i> , 2019, 14, 1149-1156.	0.2	3
130	Age-Related Changes in Inferior Vena Cava Dimensions among Children and Adolescents with Syncope. <i>Journal of Pediatrics</i> , 2019, 207, 49-53.e3.	1.8	2
131	Geographical variation and predictors of physical activity level in adults with congenital heart disease. <i>IJC Heart and Vasculature</i> , 2019, 22, 20-25.	1.1	13
132	Early Detection of Increased Risk for Atrial Fibrillation Recurrence Based on Intra-Atrial Dyssynchrony. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 320-322.	5.3	1
133	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
134	Nomograms for Cardiovascular Magnetic Resonance Measurements in the Pediatric Age Group: To Define the Normal and the Expected Abnormal Values in Corrected/Palliated Congenital Heart Disease: A Systematic Review. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1222-1235.	3.4	6
135	Successful Recanalization of Thrombotic Occlusion in Pulmonary Artery Stent Using Sonothrombolysis. <i>Case</i> , 2019, 3, 14-17.	0.3	6
136	Maturational 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
137	Magnetic resonance imaging computation of intracardiac flow derangements in heart failure dyssynchrony. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H10-H12.	3.2	1
138	Can Abbreviated Cardiac Magnetic Resonance Imaging Adequately Support Clinical Decision Making After Repair of Tetralogy of Fallot?. <i>Pediatric Cardiology</i> , 2019, 40, 616-622.	1.3	1
139	The peculiar challenges of breathing and exercising with a Fontan circulation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H311-H313.	3.2	2
140	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
141	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
142	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
143	Right ventricular energetics and power in pulmonary regurgitation vs. stenosis using four-dimensional phase-contrast magnetic resonance. <i>International Journal of Cardiology</i> , 2018, 263, 165-170.	1.7	4
144	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

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145	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
146	Use of linear and convex ultrasound transducers for evaluation of retrosternal area in patients after cardiac surgery. <i>Echocardiography</i> , 2018, 35, 100-103.	0.9	4
147	Authors' Reply. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 114.	2.8	0
148	Contemporary management and outcomes in congenitally corrected transposition of the great arteries. <i>Heart</i> , 2018, 104, 1148-1155.	2.9	52
149	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
150	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
151	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
152	Strengths, Limitations, and Geographical Discrepancies in the Eligibility Criteria for Sport Participation in Young Patients With Congenital Heart Disease. <i>Clinical Journal of Sport Medicine</i> , 2018, 28, 540-560.	1.8	2
153	Association of Pediatric Medical Emergency Teams With Hospital Mortality. <i>Circulation</i> , 2018, 137, 38-46.	1.6	19
154	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
155	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
156	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
157	Echocardiographic nomograms for upper abdominal aorta Doppler systolic wave values and systo-diastolic diameters variations in children. <i>Journal of Cardiology</i> , 2018, 71, 394-400.	1.9	3
158	Selective infarct zone imaging with intravenous acoustically activated droplets. <i>PLoS ONE</i> , 2018, 13, e0207486.	2.5	12
159	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
160	Clinical Outcome of Patients With Inducible Capillary Blood Flow Abnormalities During Demand Stress in the Presence or Absence of Angiographic Coronary Disease. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007483.	2.6	13
161	Limitations of Current Fetal Echocardiography Nomograms for 2D Measures: A Critical Overview and Analysis for Future Research. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 1368-1372.e10.	2.8	2
162	Medical Management of the Systemic Right Ventricle. <i>Heart</i> , 2018, 104, 1226.2-1227.	2.9	2

#	ARTICLE	IF	CITATIONS
163	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
164	Three-dimensional analysis of regional right ventricular shape and function in repaired tetralogy of Fallot using cardiovascular magnetic resonance. <i>Clinical Imaging</i> , 2018, 52, 106-112.	1.5	12
165	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
166	Use of integrated imaging and serum biomarker profiles to identify subclinical dysfunction in pediatric cancer patients treated with anthracyclines. <i>Cardio-Oncology</i> , 2018, 4, .	1.7	13
167	Inter-vendor reproducibility of left and right ventricular cardiovascular magnetic resonance myocardial feature-tracking. <i>PLoS ONE</i> , 2018, 13, e0193746.	2.5	47
168	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.	0.5	3
169	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
170	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
171	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
172	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
173	Relation of Right Atrial Volume, Systemic Venous Dimensions, and Flow Patterns to Right Atrial Pressure in Infants and Children. <i>American Journal of Cardiology</i> , 2017, 119, 1473-1478.	1.6	9
174	Clinical application of three-dimensional printing to the management of complex univentricular hearts with abnormal systemic or pulmonary venous drainage. <i>Cardiology in the Young</i> , 2017, 27, 1248-1256.	0.8	14
175	Quantitative assessment of left ventricular mechanical dyssynchrony using cine cardiovascular magnetic resonance imaging: Inter-study reproducibility. <i>JRSM Cardiovascular Disease</i> , 2017, 6, 204800401771014.	0.7	11
176	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
177	Echocardiographic assessment of pediatric semilunar valve disease. <i>Echocardiography</i> , 2017, 34, 1360-1370.	0.9	10
178	Impaired Single Right Ventricular Function Compared to Single Left Ventricles during the Early Stages of Palliation: A Longitudinal Study. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 468-477.	2.8	14
179	Cardiovascular and general health status of adults with Trisomy 21. <i>International Journal of Cardiology</i> , 2017, 241, 173-176.	1.7	11
180	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

#	ARTICLE	IF	CITATIONS
181	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
182	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
183	Left Atrial Performance in the Course of Hypertrophic Cardiomyopathy. <i>Investigative Radiology</i> , 2017, 52, 177-185.	6.2	49
184	Right Atrial Deformation in Predicting Outcomes in Pediatric Pulmonary Hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	41
185	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
186	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
187	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
188	Three-dimensional printed models in congenital heart disease. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 137-144.	1.5	77
189	Quantifying right atrial filling and emptying: A 4D flow MRI study. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1046-1054.	3.4	10
190	Ultrasound-Induced Microbubble Cavitation for the Treatment of Catheterization-Induced Vasospasm. <i>JACC Basic To Translational Science</i> , 2017, 2, 748-756.	4.1	7
191	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
192	Continuing Medical Education Activity in Echocardiography. <i>Echocardiography</i> , 2016, 33, 628-628.	0.9	0
193	Strengths and Limitations of Current Adult Nomograms for the Aorta Obtained by Noninvasive Cardiovascular Imaging. <i>Echocardiography</i> , 2016, 33, 1046-1068.	0.9	6
194	Computed Tomography in Congenital Heart Disease: Clinical Applications and Technical Considerations. <i>Echocardiography</i> , 2016, 33, 629-640.	0.9	16
195	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
196	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
197	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
198	Safety and Efficacy of Cardiac Ultrasound Contrast in Children and Adolescents for Resting and Stress Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 655-662.	2.8	15

#	ARTICLE	IF	CITATIONS
199	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
200	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
201	Delivery of Hydrogen Sulfide by Ultrasound Targeted Microbubble Destruction Attenuates Myocardial Ischemia-reperfusion Injury. <i>Scientific Reports</i> , 2016, 6, 30643.	3.3	26
202	Variabilities in the mortality-related resource utilisation for congenital heart disease. <i>Open Heart</i> , 2016, 3, e000415.	2.3	8
203	Longitudinal MRI and Ferritin Monitoring of Iron Overload in Chronically Transfused and Chelated Children With Sickle Cell Anemia and Thalassemia Major. <i>Journal of Pediatric Hematology/Oncology</i> , 2016, 38, 497-502.	0.6	8
204	Quantifying clinical change: discrepancies between patients' and providers' perspectives. <i>Quality of Life Research</i> , 2016, 25, 2213-2220.	3.1	29
205	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
206	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
207	Cardiovascular Magnetic Resonance Myocardial Feature Tracking. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, e004077.	2.6	272
208	Nomograms for mitral inflow Doppler and tissue Doppler velocities in Caucasian children. <i>Journal of Cardiology</i> , 2016, 68, 288-299.	1.9	28
209	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
210	Role of imaging in the evaluation of single ventricle with the Fontan palliation. <i>Heart</i> , 2016, 102, 174-183.	2.9	31
211	Safety of Magnetic Resonance Imaging After Implantation of Stainless Steel Embolization Coils. <i>Pediatric Cardiology</i> , 2016, 37, 62-67.	1.3	7
212	Effects of incremental beta-blocker dosing on myocardial mechanics of the human left ventricle: MRI 3D-tagging insight into pharmacodynamics supports theory of inner antagonism. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H45-H52.	3.2	8
213	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
214	Impact of clinical follow-up and diagnostic testing on intervention for tetralogy of Fallot. <i>Open Heart</i> , 2015, 2, e000185.	2.3	5
215	Transcatheter Closure of Coronary Artery Fistulae: Considerations and Approaches Based on Fistula Origin. <i>Journal of Interventional Cardiology</i> , 2015, 28, 380-389.	1.2	9
216	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

#	ARTICLE	IF	CITATIONS
217	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
218	Myocardial Feature Tracking Reduces Observer-Dependence in Low-Dose Dobutamine Stress Cardiovascular Magnetic Resonance. <i>PLoS ONE</i> , 2015, 10, e0122858.	2.5	29
219	BNP and haematological parameters are markers of severity of Ebstein's anomaly: correlation with CMR and cardiopulmonary exercise testing. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 670-5.	1.2	12
220	Clinical Implications of a Multivariate Stratification Model for the Estimation of Prognosis in Ventricular Septal Defect. <i>Journal of Pediatrics</i> , 2015, 167, 103-107.e2.	1.8	3
221	Quantification of atrial dynamics using cardiovascular magnetic resonance: inter-study reproducibility. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 36.	3.3	58
222	Right Ventricular Adaptation and Failure in Pulmonary Arterial Hypertension. <i>Canadian Journal of Cardiology</i> , 2015, 31, 391-406.	1.7	140
223	Fetal and Neonatal Imaging and Strategy of Primary Neonatal Heart Transplantation in Hypoplastic Left Heart with Ebstein's Anomaly. <i>Echocardiography</i> , 2015, 32, 598-601.	0.9	2
224	Predischarge Transthoracic Echocardiography after Surgery for Congenital Heart Disease: A Routine with Reason?. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 1030-1035.	2.8	7
225	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
226	Mechanical Dyssynchrony and Abnormal Regional Strain Promote Erroneous Measurement of Systolic Function in Pediatric Heart Transplantation. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 1161-1170.e2.	2.8	7
227	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
228	Effect of Cold Storage on Mechanical Properties of Aorta. , 2015, , .		0
229	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
230	Staged Left Ventricular Recruitment and Biventricular Conversion in Hypoplastic Left Heart Syndrome. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2014, 5, 449-452.	0.8	3
231	CCDI: a new ligand that modulates mammalian type 1 ryanodine receptor (R_{yR}1). <i>British Journal of Pharmacology</i> , 2014, 171, 4097-4111.	5.4	2
232	Subspecialty surveillance of long-term course of small and moderate muscular ventricular septal defect: heterogeneous practices, low yield. <i>BMC Pediatrics</i> , 2014, 14, 282.	1.7	7
233	Tricuspid Regurgitation in Hypoplastic Left Heart Syndrome. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 765-772.	2.6	58
234	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

#	ARTICLE	IF	CITATIONS
235	Prevention of Arteriovenous Shunt Occlusion Using Microbubble and Ultrasound Mediated Thromboprophylaxis. <i>Journal of the American Heart Association</i> , 2014, 3, e000689.	3.7	6
236	Combination of Real Time Three-Dimensional Echocardiography with Diagnostic Catheterization to Derive Left Ventricular Pressure-Volume Relations. <i>Echocardiography</i> , 2014, 31, 179-187.	0.9	4
237	Transthoracic Echocardiography in Pediatric Intensive Care. <i>Pediatric Critical Care Medicine</i> , 2014, 15, 329-335.	0.5	22
238	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
239	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
240	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
241	Echocardiographic measurement methods for left ventricular linear dimensions in children result in predictable variations in results. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 305-312.	1.5	6
242	Effects of Right Ventricular Hemodynamic Burden on Intraventricular Flow in Tetralogy of Fallot: An Echocardiographic Contrast Particle Imaging Velocimetry Study. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 1311-1318.	2.8	15
243	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
244	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
245	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
246	Authors' Reply. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 449.	2.8	1
247	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
248	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
249	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
250	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
251	Malondialdehyde and 4-hydroxynonenal adducts are not formed on cardiac ryanodine receptor (RyR2) and sarco(endo)plasmic reticulum Ca ²⁺ -ATPase (SERCA2) in diabetes. <i>Molecular and Cellular Biochemistry</i> , 2013, 376, 121-135.	3.1	14
252	Acquired coronary disease in children: the role of multimodality imaging. <i>Pediatric Radiology</i> , 2013, 43, 444-453.	2.0	13

#	ARTICLE	IF	CITATIONS
253	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
254	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
255	Can We Talk? Reflections on Effective Communication between Imager and Interventionalist in Congenital Heart Disease. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 813-827.	2.8	8
256	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
257	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
258	Outcomes of Congenital Diaphragmatic Hernia in the Modern Era of Management. <i>Journal of Pediatrics</i> , 2013, 163, 114-119.e1.	1.8	185
259	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
260	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
261	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
262	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
263	Two-stage biventricular rehabilitation for critical aortic stenosis with severe left ventricular dysfunction. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 143-148.	1.4	14
264	Higher dose dobutamine stress MR imaging in repaired tetralogy of fallot: Observer variance of volumetric assessment compared with normal volunteers. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1356-1361.	3.4	1
265	Validation of admittance computed left ventricular volumes against real-time three-dimensional echocardiography in the porcine heart. <i>Experimental Physiology</i> , 2013, 98, 1092-1101.	2.0	13
266	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
267	Pediatric and Adult Congenital Heart Disease Imaging. <i>Journal of Ultrasound in Medicine</i> , 2013, 32, 1351-1352.	1.7	4
268	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
269	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
270	Carbonylation Induces Heterogeneity in Cardiac Ryanodine Receptor Function in Diabetes Mellitus. <i>Molecular Pharmacology</i> , 2012, 82, 383-399.	2.3	37

#	ARTICLE	IF	CITATIONS
271	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
272	Low-dose CT angiography for evaluation of great vessels and airway in arterial tortuosity syndrome. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 1054-1054.	1.2	2
273	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
274	Inter-study reproducibility of cardiovascular magnetic resonance myocardial feature tracking. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 34.	3.3	200
275	Patent Foramen Ovale. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1665-1671.	2.8	95
276	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
277	Multimodality Imaging in Congenital Heart Disease: an Update. <i>Current Cardiovascular Imaging Reports</i> , 2012, 5, 481-490.	0.6	5
278	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
279	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
280	Recurrent Mycotic Aneurysm in a 2-Year-old Boy With Group A Streptococcus Bacteremia. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, 1080-1082.	2.0	8
281	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
282	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
283	Microbubble Mediated Thrombus Dissolution with Diagnostic Ultrasound for the Treatment of Chronic Venous Thrombi. <i>PLoS ONE</i> , 2012, 7, e51453.	2.5	22
284	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
285	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
286	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
287	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
288	Hybrid aortic reconstruction for treatment of recurrent aortic obstruction after stage 1 single ventricle palliation: Medium term outcomes and results of redilation. <i>Catheterization and Cardiovascular Interventions</i> , 2011, 78, 93-100.	1.7	14

#	ARTICLE	IF	CITATIONS
289	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
290	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
291	Is Combined Atrial Volumetrics by Two-Dimensional Echocardiography a Suitable Measure for Quantitative Assessment of the Hemodynamic Significance of Patent Ductus Arteriosus in Neonates and Infants?. <i>Echocardiography</i> , 2010, 27, 696-701.	0.9	7
292	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
293	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
294	Maximal Potential Patent Foramen Diameter Does Not Correlate with the Type or Frequency of the Neurologic Event prior to Closure. <i>Cardiology</i> , 2009, 113, 111-115.	1.4	9
295	Preclosure Pressure Gradients Predict Patent Ductus Arteriosus Patients at Risk for Later Left Pulmonary Artery Stenosis. <i>Pediatric Cardiology</i> , 2009, 30, 883-887.	1.3	10
296	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
297	Idiopathic Infantile Arterial Calcification: A Case Report of Prenatal and Postnatal Echocardiographic Diagnosis. <i>Echocardiography</i> , 2009, 26, 862-864.	0.9	6
298	Early Experience with a Simplified Technique for Transcatheter Closure of the Patent Foramen Ovale. <i>Heart Lung and Circulation</i> , 2009, 18, 384-387.	0.4	1
299	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
300	Interventional therapy for neonates with critical congenital heart disease. <i>Catheterization and Cardiovascular Interventions</i> , 2008, 72, 663-674.	1.7	14
301	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
302	Endovascular Stent Grafts for Large Thoracic Aneurysms After Coarctation Repair. <i>Annals of Thoracic Surgery</i> , 2008, 85, 1332-1338.	1.3	51
303	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
304	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
305	Rebuttal: Techniques for closure of large atrial septal defects. <i>Catheterization and Cardiovascular Interventions</i> , 2007, 70, 331-332.	1.7	0