

Piers C A Barker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7635821/publications.pdf>

Version: 2024-02-01

21
papers

441
citations

759233

12
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

692
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Longitudinal Cardiac Strain and Strain Rate for Assessment of Fetal Cardiac Function: Novel Experience with Velocity Vector Imaging. <i>Echocardiography</i> , 2009, 26, 28-36.	0.9	91
2	Predictors of Disease Progression in Pediatric Dilated Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2013, 6, 1214-1222.	3.9	57
3	Right Ventricular Mechanics Using a Novel Comprehensive Three-View Echocardiographic Strain Analysis in a Normal Population. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 413-422.	2.8	49
4	The Influence of Angle of Insonation and Target Depth on Speckle-Tracking Strain. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 580-586.	2.8	39
5	Use of cardiac magnetic resonance imaging to evaluate cardiac structure, function and fibrosis in children with infantile Pompe disease on enzyme replacement therapy. <i>Molecular Genetics and Metabolism</i> , 2010, 101, 332-337.	1.1	26
6	Preprocedural three-dimensional planning aids in transcatheter ductal stent placement: A single-center experience. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 95, 1141-1148.	1.7	23
7	Classic-Pattern Dyssynchrony and Electrical Activation Delays in Pediatric Dilated Cardiomyopathy. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 956-964.	2.8	21
8	Frequent Activation Delay-Induced Mechanical Dyssynchrony and Dysfunction in the Systemic Right Ventricle. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 1074-1083.	2.8	19
9	Abnormalities of Fetal Situs. <i>Obstetrical and Gynecological Survey</i> , 2016, 71, 33-38.	0.4	18
10	Agreement of an echocardiogram-based diagnosis of pulmonary hypertension in infants at risk for bronchopulmonary dysplasia among masked reviewers. <i>Journal of Perinatology</i> , 2019, 39, 248-255.	2.0	17
11	Patterns of Mechanical Inefficiency in Pediatric Dilated Cardiomyopathy and Their Relation to Left Ventricular Function and Clinical Outcomes. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 226-236.	2.8	15
12	Intracardiac Echocardiography in Congenital Heart Disease. <i>Journal of Cardiovascular Translational Research</i> , 2009, 2, 19-23.	2.4	14
13	Ultrasound Examination of the Fetal Heart. <i>Obstetrical and Gynecological Survey</i> , 2017, 72, 54-61.	0.4	14
14	Comparison of invasive and non-invasive pressure gradients in aortic arch obstruction. <i>Cardiology in the Young</i> , 2015, 25, 1348-1357.	0.8	13
15	Improving maternal-infant bonding after prenatal diagnosis of CHD. <i>Cardiology in the Young</i> , 2018, 28, 1306-1315.	0.8	7
16	Early cardiac dysfunction in children and young adults with perinatally acquired HIV. <i>Aids</i> , 2020, 34, 539-548.	2.2	6
17	Activation delay-induced mechanical dyssynchrony in single-ventricle heart disease. <i>Cardiology in the Young</i> , 2017, 27, 1390-1391.	0.8	5
18	Left-sided congenitally unguarded tricuspid valve with congenitally corrected transposition of the great arteries: A rare diagnosis confirmed by three-dimensional echocardiography. <i>Echocardiography</i> , 2020, 37, 1101-1104.	0.9	2

#	ARTICLE	IF	CITATIONS
19	Towards use of POCUS to evaluate hemodynamics in critically ill neonates: caution before adoption in this population. <i>Critical Care</i> , 2021, 25, 92.	5.8	2
20	Commentary: Inspection of 3-dimensional rendered hearts will become the standard of care before complex congenital heart surgery. <i>JTCVS Techniques</i> , 2021, 7, 204-205.	0.4	2
21	Three-dimensional modeling of the mitral valve for surgical planning in a pediatric patient: A case-based discussion of the technical challenges of segmentation and printing from 3D transthoracic echocardiographic datasets. <i>Echocardiography</i> , 2021, 38, 1978-1983.	0.9	1