

Lorna P Browne

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

494
citations

623734

14
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794594

19
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44
all docs

44
docs citations

44
times ranked

588
citing authors

#	ARTICLE	IF	CITATIONS
1	Proximal pulmonary vascular stiffness as a prognostic factor in children with pulmonary arterial hypertension. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 209-217.	1.2	36
2	Apparent Aortic Stiffness in Children With Pulmonary Arterial Hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	29
3	Noninvasive wave intensity analysis predicts functional worsening in children with pulmonary arterial hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H968-H977.	3.2	28
4	Reduced proximal aortic compliance and elevated wall shear stress after early repair of tetralogy of Fallot. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 2239-2249.	0.8	27
5	High-resolution CT findings of pulmonary interstitial glycogenosis. <i>Pediatric Radiology</i> , 2018, 48, 1066-1072.	2.0	25
6	Effect of electrical dyssynchrony on left and right ventricular mechanics in children with pulmonary arterial hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 870-878.	0.6	25
7	Higher Mortality in Pediatric Liver Transplant Candidates With Sarcopenia. <i>Liver Transplantation</i> , 2021, 27, 808-817.	2.4	25
8	Differences in pulmonary arterial flow hemodynamics between children and adults with pulmonary arterial hypertension as assessed by 4D-flow CMR studies. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1091-H1104.	3.2	20
9	Preprocedural Risk Assessment Prior to PPVI with CMR and Cardiac CT. <i>Pediatric Cardiology</i> , 2017, 38, 746-753.	1.3	19
10	Abnormal aortic flow conduction is associated with increased viscous energy loss in patients with repaired tetralogy of Fallot. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 588-595.	1.4	18
11	Novel measures of left ventricular electromechanical discoordination predict clinical outcomes in children with pulmonary arterial hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H401-H412.	3.2	18
12	Impact of different coarctation therapies on aortic stiffness: phase-contrast MRI study. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 1459-1469.	1.5	17
13	Abnormal left ventricular flow organization following repair of tetralogy of Fallot. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 1008-1015.	0.8	17
14	Aortic stiffness in adolescent Turner and Marfan syndrome patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 926-932.	1.4	15
15	The spectrum of cloacal malformations: how to differentiate each entity prenatally with fetal MRI. <i>Pediatric Radiology</i> , 2019, 49, 387-398.	2.0	15
16	Ventricular interactions and electromechanical dyssynchrony after Ross and Ross-Konno operations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 509-517.	0.8	14
17	Influence of aortic stiffness on ventricular function in patients with Fontan circulation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 699-707.	0.8	13
18	Increased systolic vorticity in the left ventricular outflow tract is associated with abnormal aortic flow formations in Tetralogy of Fallot. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 691-700.	1.5	13

#	ARTICLE	IF	CITATIONS
19	Segmentation of the Aorta and Pulmonary Arteries Based on ^{4D} Flow ^{MRI} in the Pediatric Setting Using Fully Automated Multi-site, Multi-vendor, and Multi-label Dense Net. Journal of Magnetic Resonance Imaging, 2022, 55, 1666-1680.	3.4	12
20	Measuring Flow Hemodynamic Indices and Oxygen Consumption in Children with Pulmonary Hypertension: A Comparison of Catheterization and Phase-Contrast MRI. Pediatric Cardiology, 2018, 39, 268-274.	1.3	11
21	HRCT findings of childhood follicular bronchiolitis. Pediatric Radiology, 2017, 47, 1759-1765.	2.0	10
22	High-resolution computed tomography findings of thyroid transcription factor 1 deficiency (NKX2-1) Tj ETQq0 0,0rgBT /Oyerlock 10	2.0	10
23	Patients with Fontan circulation have abnormal aortic wave propagation patterns: A wave intensity analysis study. International Journal of Cardiology, 2021, 322, 158-167.	1.7	9
24	Imaging Features of Primary Immunodeficiency Disorders. Radiology: Cardiothoracic Imaging, 2021, 3, e200418.	2.5	8
25	Cardiothoracic manifestations of primary histiocytoses. British Journal of Radiology, 2016, 89, 20160347.	2.2	7
26	Flow profile characteristics in Fontan circulation are associated with the single ventricle dilation and function: principal component analysis study. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H1032-H1040.	3.2	7
27	Use of compressed sensing to reduce scan time and breath-holding for cardiac cine balanced steady-state free precession magnetic resonance imaging in children and young adults. Pediatric Radiology, 2021, 51, 1192-1201.	2.0	7
28	Myocardial Perfusion Reserve Index in Children With Kawasaki Disease. Journal of Magnetic Resonance Imaging, 2018, 48, 132-139.	3.4	6
29	Congenital anomalies of the pulmonary arteries: an imaging overview. British Journal of Radiology, 2019, 92, 20180185.	2.2	6
30	Successful Treatment of Myocardial Infarction in an Infant With Kawasaki Disease. Seminars in Cardiothoracic and Vascular Anesthesia, 2015, 19, 255-259.	1.0	5
31	Children with kawasaki disease present elevated stiffness of great arteries: Phase-contrast MRI study. Journal of Magnetic Resonance Imaging, 2018, 48, 1228-1236.	3.4	5
32	Free-breathing magnetic resonance imaging with radial k-space sampling for neonates and infants to reduce anesthesia. Pediatric Radiology, 2022, 52, 1326-1337.	2.0	5
33	Pediatric Metastatic Cardiac Angiosarcoma Successfully Treated With Multimodal Therapy: Case Report and Review of Literature. Journal of Pediatric Hematology/Oncology, 2021, 43, e203-e206.	0.6	4
34	Study protocol: a prospective controlled clinical trial to assess surgical or medical treatment for paediatric type 2 diabetes (ST ₂ OMP). BMJ Open, 2021, 11, e047766.	1.9	3
35	Increased Aortic Stiffness and Left Ventricular Dysfunction Exist After Truncus Arteriosus Repair. Annals of Thoracic Surgery, 2021, 112, 809-815.	1.3	2
36	Neonatal Presentation of Congenital Portosystemic Shunt. Journal of Pediatrics, 2022, 241, 261-262.	1.8	2

#	ARTICLE	IF	CITATIONS
37	Novel application of 4D flow magnetic resonance imaging in a neonatal post-operative aortic dissection. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1435-1435.	1.2	1
38	Multiple Coronary Artery Aneurysms of the Right Coronary Artery in Neonate with Pulmonary Atresia with Intact Ventricular Septum. <i>Echocardiography</i> , 2016, 33, 936-938.	0.9	0
39	Proximal Pulmonary Artery Evaluation in Infants With Shunt-Dependent Pulmonary Blood Flow: Computed Tomographic Angiography Versus Transthoracic Echocardiography. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2017, 8, 303-309.	0.8	0
40	Commentary: In vortices veritasâ€”quantitative approach. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 964-966.	0.8	0
41	Imaging Follow-up of Repaired Aortic Coarctation. <i>Seminars in Roentgenology</i> , 2020, 55, 301-311.	0.6	0
42	4D flow MRI quantification and surveillance of veno-venous collateralization. <i>European Heart Journal Cardiovascular Imaging</i> , 0, , .	1.2	0