

Lisa Hornberger

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

5,373
citations

37
h-index

73
g-index

124
ext. papers

6,309
ext. citations

4.8
avg, IF

5.15
L-index

#	Paper	IF	Citations
110	Echocardiographic Predictors of Ductal Tissue-Related Branch Pulmonary Artery Stenosis in Pulmonary Atresia.. <i>Pediatric Cardiology</i> , 2022 , 1	2.1	1
109	Outcome of Antibody-Mediated Fetal Heart Disease With Standardized Anti-Inflammatory Transplacental Treatment.. <i>Journal of the American Heart Association</i> , 2022 , e023000	6	3
108	Fetal echocardiographic predictors of biventricular circulation in hypoplastic left heart complex. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 58, 405-410	5.8	2
107	Cardioautonomic control in healthy singleton and twin pregnancies. <i>Journal of Applied Physiology</i> , 2021 , 130, 923-932	3.7	
106	Cardiovascular function during triplet pregnancy. <i>Journal of Applied Physiology</i> , 2021 , 130, 1286-1292	3.7	
105	Fetal Diagnosis is Associated with Improved Perioperative Condition of Neonates Requiring Surgical Intervention for Coarctation. <i>Pediatric Cardiology</i> , 2021 , 42, 1504-1511	2.1	1
104	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	16.7	8
103	Fetal double outlet right ventricle without heterotaxy syndrome: Diagnostic spectrum, associated extracardiac pathology and clinical outcomes. <i>Prenatal Diagnosis</i> , 2021 , 41, 1118-1126	3.2	0
102	Prenatal features, associated co-morbidities and clinical course of agenesis of the ductus venosus in the current era. <i>Prenatal Diagnosis</i> , 2021 , 41, 15-20	3.2	1
101	Fetal Umbilical Arterial Pulsatility Correlates With 2-Year Growth and Neurodevelopmental Outcomes in Congenital Heart Disease. <i>Canadian Journal of Cardiology</i> , 2021 , 37, 425-432	3.8	4
100	Persistent Aortic Stiffness and Left Ventricular Hypertrophy in Children of Diabetic Mothers. <i>CJC Open</i> , 2021 , 3, 345-353	2	4
99	Cecr2 mutant mice as a model for human cat eye syndrome. <i>Scientific Reports</i> , 2021 , 11, 3111	4.9	
98	Hemodynamic effects of high frequency oscillatory ventilation with volume guarantee in a piglet model of respiratory distress syndrome. <i>PLoS ONE</i> , 2021 , 16, e0246996	3.7	
97	The Perinatal Transition and Early Neonatal Period in Hypoplastic Left Heart Syndrome Is Associated With Reduced Systemic and Cerebral Perfusion. <i>Canadian Journal of Cardiology</i> , 2021 ,	3.8	1
96	Prenatal features of ductus arteriosus-related branch pulmonary stenosis in fetal pulmonary atresia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 58, 411-419	5.8	2
95	Fetal Echocardiography 2021 , 924-963		
94	Influence of extreme prematurity and bronchopulmonary dysplasia on cardiac function. <i>Echocardiography</i> , 2021 , 38, 1596-1603	1.5	1

93	Effects of Early Myocardial Postnatal Maturation on Tolerance to Atrial Tachycardia With Altered Loading Conditions: An Swine Model. <i>Frontiers in Pediatrics</i> , 2020 , 8, 346	3.4	
92	Intrauterine exposure to chronic hypoxia in the rat leads to progressive diastolic function and increased aortic stiffness from early postnatal developmental stages. <i>Physiological Reports</i> , 2020 , 8, e14327	3.6	3
91	Branch pulmonary artery Doppler parameters predict early survival-non-survival in premature rupture of membranes. <i>Journal of Perinatology</i> , 2020 , 40, 1821-1827	3.1	1
90	Prenatal Detection, Comorbidities, and Management of Vascular Rings. <i>American Journal of Cardiology</i> , 2019 , 123, 1703-1708	3	13
89	Evolution of the Fetal Atrioventricular Interval from 6 to 40 Weeks of Gestation. <i>American Journal of Cardiology</i> , 2019 , 123, 1709-1714	3	0
88	Quantitative Assessment of Left Ventricular Dysfunction in Fetal Ebstein's Anomaly and Tricuspid Valve Dysplasia. <i>Journal of the American Society of Echocardiography</i> , 2019 , 32, 1598-1607	5.8	6
87	Cardiovascular Health of Offspring of Diabetic Mothers From the Fetal Through Late-Infancy Stages. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 932-934	8.4	5
86	Early fetal echocardiography. <i>Birth Defects Research</i> , 2019 , 111, 370-379	2.9	9
85	The Incremental Benefit of Color Tissue Doppler in Fetal Arrhythmia Assessment. <i>Journal of the American Society of Echocardiography</i> , 2019 , 32, 145-156	5.8	0
84	Anomalies of Atrial Septation 2018 , 127-132		
83	Atrial Chamber Obstruction 2018 , 133-136		
82	Cardiac Chamber Aneurysms and Diverticula 2018 , 319-322		
81	Population trends in prenatal detection of transposition of great arteries: impact of obstetric screening ultrasound guidelines. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018 , 51, 659-664	5.8	25
80	Tracking Trends in Emissions of Developmental Toxicants and Potential Associations with Congenital Heart Disease in Alberta, Canada. <i>Challenges</i> , 2018 , 9, 28	3.4	
79	Industrial Developmental Toxicants and Congenital Heart Disease in Urban and Rural Alberta, Canada. <i>Challenges</i> , 2018 , 9, 26	3.4	5
78	THE ROLE OF DEVELOPMENTAL TOXICANTS AND SOCIO-ECONOMIC STATUS ON CONGENITAL HEART DISEASE IN URBAN AND RURAL ALBERTA. <i>Paediatrics and Child Health</i> , 2018 , 23, e37-e38	0.7	78
77	Home Monitoring for Fetal Heart Rhythm During Anti-Ro Pregnancies. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 1940-1951	15.1	34
76	Prenatal Diagnosis of the Criss-Cross Heart. <i>American Journal of Cardiology</i> , 2017 , 119, 916-922	3	1

75	Right Atrial Dysfunction in the Fetus with Severely Regurgitant Tricuspid Valve Disease: A Potential Source of Cardiovascular Compromise. <i>Journal of the American Society of Echocardiography</i> , 2017 , 30, 579-588	5.8	11
74	Initial shunt type at the Norwood operation impacts myocardial function in hypoplastic left heart syndrome. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 52, 234-240	3	6
73	Strain Rate in Children and Young Piglets Mirrors Changes in Contractility and Demonstrates a Force-Frequency Relationship. <i>Journal of the American Society of Echocardiography</i> , 2017 , 30, 797-806	5.8	17
72	First-Trimester Fetal Echocardiography: Identification of Cardiac Structures for Screening from 6 to 13 Weeks Gestational Age. <i>Journal of the American Society of Echocardiography</i> , 2017 , 30, 763-772	5.8	34
71	Parameters of fetal pulmonary vascular health: baseline trends and response to maternal hyperoxia in the second and third trimesters. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 50, 618-623	5.8	4
70	Re: Right ventricular outflow tract obstruction in complicated monochorionic twin pregnancy. S. J. Eschbach, L. S. T. M. Boons, E. Van Zwet, J. M. Middeldorp, F. J. C. M. Klumper, E. Lopriore, A. K. K. Teunissen, M. E. Rijlaarsdam, D. Oepkes, A. D. J. Ten Harkel, M. C. Haak. <i>Ultrasound Obstet Gynecol</i> 2017 , 49, 737-743. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 693-694	5.8	1
69	Cardiac function and dysfunction in the fetus. <i>Echocardiography</i> , 2017 , 34, 1776-1787	1.5	7
68	Postnatal neonatal myocardial adaptation is associated with loss of tolerance to tachycardia: a simultaneous invasive and noninvasive assessment. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H598-607	5.2	3
67	Myocardial perfusion and oxidative stress after 21% vs. 100% oxygen ventilation and uninterrupted chest compressions in severely asphyxiated piglets. <i>Resuscitation</i> , 2016 , 106, 7-13	4	34
66	Fetal Echocardiography 2016 , 834-871		
65	Maternal hypothyroidism may be associated with CHD in offspring. <i>Cardiology in the Young</i> , 2015 , 25, 1247-53	1	13
64	Re: Cardiac axis shift within the cardiac cycle of normal fetuses and fetuses with congenital heart defect. Y. Zhao, S. Abuhamad, E. Sinkovskaya, M. Mlynarczyk, L. Romary and A. Abuhamad. <i>Ultrasound Obstet Gynecol</i> 2015 ; 46: 558-563. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 46, 518-9	5.8	
63	Diagnosis of congenital heart disease in an era of universal prenatal ultrasound screening in southwest Ohio. <i>Cardiology in the Young</i> , 2015 , 25, 35-41	1	14
62	Evolution of left ventricular function in the preterm infant. <i>Journal of the American Society of Echocardiography</i> , 2015 , 28, 302-8	5.8	41
61	Systolic and diastolic function of the fetal single left ventricle. <i>Journal of the American Society of Echocardiography</i> , 2014 , 27, 972-7	5.8	28
60	Diagnosis and treatment of fetal cardiac disease: a scientific statement from the American Heart Association. <i>Circulation</i> , 2014 , 129, 2183-242	16.7	575
59	A42: Anti-Ro and Anti-La Antibodies in the General Pregnant Population: Rates and Fetal Outcomes. <i>Arthritis and Rheumatology</i> , 2014 , 66, S63-S63	9.5	2
58	Doppler parameters of fetal lung hypoplasia and impact of sildenafil. <i>American Journal of Obstetrics and Gynecology</i> , 2014 , 211, 263.e1-8	6.4	16

57	Effectiveness of prenatal screening for congenital heart disease: assessment in a jurisdiction with universal access to health care. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 879-85	3.8	31
56	Diagnosis of tetralogy of Fallot and its variants in the late first and early second trimester: details of initial assessment and comparison with later fetal diagnosis. <i>Echocardiography</i> , 2013 , 30, 81-7	1.5	12
55	Changes in fetal cardiac axis between 8 and 15 weeks gestation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 42, 653-8	5.8	27
54	Antegrade late diastolic arterial blood flow in the fetus: insight into fetal atrial function. <i>American Journal of Obstetrics and Gynecology</i> , 2013 , 208, 490.e1-8	6.4	5
53	Severe left heart obstruction with retrograde arch flow influences fetal cerebral and placental blood flow. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 42, 294-9	5.8	39
52	Right ventricular function in fetal hypoplastic left heart syndrome. <i>Journal of the American Society of Echocardiography</i> , 2012 , 25, 1068-74	5.8	56
51	Effectiveness of sotalol as first-line therapy for fetal supraventricular tachyarrhythmias. <i>American Journal of Cardiology</i> , 2012 , 109, 1614-8	3	49
50	Use of intravenous gamma globulin and corticosteroids in the treatment of maternal autoantibody-mediated cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 715-23 ^{15.1}		81
49	OC22.02: Validation of clinical Doppler parameters of pulmonary vascular responsivity and severity of lung hypoplasia in a fetal rat model. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011 , 38, 41-41	5.8	
48	Spectrum of cardiac involvement in neonatal lupus. <i>Scandinavian Journal of Immunology</i> , 2010 , 72, 189-93.4	3.4	44
47	Prenatal diagnosis of vascular rings. <i>Journal of Ultrasound in Medicine</i> , 2010 , 29, 287-94	2.9	29
46	Prenatal diagnosis of primary pulmonary hypoplasia in fraternal twins. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 35, 113-6	5.8	8
45	Role of quantitative assessment in fetal echocardiography. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010 , 35, 4-6	5.8	8
44	Prenatal detection of congenital heart disease. <i>Journal of Pediatrics</i> , 2009 , 155, 26-31, 31.e1	3.6	211
43	Extracardiac lesions and chromosomal abnormalities associated with major fetal heart defects: comparison of intrauterine, postnatal and postmortem diagnoses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 33, 552-9	5.8	76
42	The role of fetal echocardiography in fetal intervention: a symbiotic relationship. <i>Clinics in Perinatology</i> , 2009 , 36, 301-27, ix	2.8	9
41	Fetal diagnosis and imaging in cardiology. <i>Expert Opinion on Medical Diagnostics</i> , 2008 , 2, 1291-307		5
40	Prenatal tracheal obstruction due to double aortic arch: a potential mimic of congenital high airway obstruction syndrome. <i>American Journal of Roentgenology</i> , 2007 , 188, W82-5	5.4	20

39	Rhythm abnormalities of the fetus. <i>Heart</i> , 2007 , 93, 1294-300	5.1	71
38	Outcome after prenatal diagnosis of tricuspid atresia: a multicenter experience. <i>American Heart Journal</i> , 2007 , 153, 772-8	4.9	35
37	Borderline left ventricles in prenatally diagnosed atrioventricular septal defect or double outlet right ventricle: echocardiographic predictors of biventricular repair. <i>American Heart Journal</i> , 2006 , 152, 163.e1-7	4.9	11
36	Fetal pulmonary artery diameter measurements as a predictor of morbidity in antenatally diagnosed congenital diaphragmatic hernia: a prospective study. <i>American Journal of Obstetrics and Gynecology</i> , 2006 , 195, 470-7	6.4	59
35	Impact of selective laser ablation of placental anastomoses on the cardiovascular pathology of the recipient twin in severe twin-twin transfusion syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 2006 , 195, 1388-95	6.4	71
34	Increased risk of complete congenital heart block in infants born to women with hypothyroidism and anti-Ro and/or anti-La antibodies. <i>Journal of Rheumatology</i> , 2006 , 33, 167-70	4.1	37
33	Prenatal cardiovascular manifestations in the twin-to-twin transfusion syndrome recipients and the impact of therapeutic amnioreduction. <i>American Journal of Obstetrics and Gynecology</i> , 2005 , 192, 892-902	6.4	123
32	Prenatal diagnosis of complete atrioventricular block associated with structural heart disease: combined experience of two tertiary care centers and review of the literature. <i>Ultrasound in Obstetrics and Gynecology</i> , 2005 , 26, 16-21	5.8	96
31	Development of Z-scores for fetal cardiac dimensions from echocardiography. <i>Ultrasound in Obstetrics and Gynecology</i> , 2005 , 26, 599-605	5.8	200
30	Cardiac function assessment in patients with family history of nonhypertrophic cardiomyopathy: a prenatal and postnatal study. <i>Pediatric Cardiology</i> , 2005 , 26, 543-52	2.1	15
29	Left ventricular myocardial performance in the fetus with severe tricuspid valve disease and tricuspid insufficiency. <i>American Journal of Perinatology</i> , 2005 , 22, 91-7	3.3	49
28	Transplacental fetal treatment improves the outcome of prenatally diagnosed complete atrioventricular block without structural heart disease. <i>Circulation</i> , 2004 , 110, 1542-8	16.7	271
27	Evolution of heart disease in utero. <i>Pediatric Cardiology</i> , 2004 , 25, 287-98	2.1	63
26	American Society of Echocardiography guidelines and standards for performance of the fetal echocardiogram. <i>Journal of the American Society of Echocardiography</i> , 2004 , 17, 803-10	5.8	296
25	Partial and total anomalous pulmonary venous connection in the fetus: two-dimensional and Doppler echocardiographic findings. <i>Ultrasound in Obstetrics and Gynecology</i> , 2003 , 22, 257-63	5.8	84
24	P034: Fetal cardiac defects and increased nuchal translucency thickness. <i>Ultrasound in Obstetrics and Gynecology</i> , 2003 , 22, 80-80	5.8	
23	P326: Four cases of fetal RV diverticulum and pericardial effusion treated in-utero. <i>Ultrasound in Obstetrics and Gynecology</i> , 2003 , 22, 158-158	5.8	
22	P348: Prenatal cardiovascular pathology in the recipient twin in twin-to-twin transfusion syndrome and the impact of therapeutic amnioreductions and selective laser coagulation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2003 , 22, 164-164	5.8	

21	Incidence and spectrum of neonatal lupus erythematosus: a prospective study of infants born to mothers with anti-Ro autoantibodies. <i>Journal of Pediatrics</i> , 2003 , 142, 678-83	3.6	182
20	Fetal pulmonary artery diameters and their association with lung hypoplasia and postnatal outcome in congenital diaphragmatic hernia. <i>American Journal of Obstetrics and Gynecology</i> , 2002 , 186, 1085-90	6.4	77
19	Maternal anti-Ro and anti-La antibody-associated endocardial fibroelastosis. <i>Circulation</i> , 2002 , 105, 843-86.7		165
18	Fetal cardiomyopathies: pathogenic mechanisms, hemodynamic findings, and clinical outcome. <i>Circulation</i> , 2002 , 106, 585-91	16.7	113
17	Outcome of children with fetal, neonatal or childhood diagnosis of isolated congenital atrioventricular block. A single institution's experience of 30 years. <i>Journal of the American College of Cardiology</i> , 2002 , 39, 130-7	15.1	271
16	Endocardial fibroelastosis associated with maternal anti-Ro and anti-La antibodies in the absence of atrioventricular block. <i>Journal of the American College of Cardiology</i> , 2002 , 40, 796-802	15.1	132
15	Acquired right ventricular outflow tract obstruction in the recipient twin in twin-twin transfusion syndrome. <i>Journal of the American College of Cardiology</i> , 2001 , 38, 1533-8	15.1	90
14	Diagnosis, natural history, and outcome of fetal heart disease. <i>Pediatric Cardiac Surgery Annual</i> , 2001 , 4, 229-43	2.1	2
13	Diagnosis of left juxtaposition of the atrial appendages in the fetus. <i>Cardiology in the Young</i> , 2000 , 10, 220-4	1	8
12	Fetal echocardiographic features of twisted atrioventricular connections. <i>Cardiology in the Young</i> , 2000 , 10, 409-12	1	3
11	De novo 46,XX,t(6;7)(q27;q11;23) associated with severe cardiovascular manifestations characteristic of supravalvular aortic stenosis and Williams syndrome. <i>American Journal of Medical Genetics Part A</i> , 2000 , 90, 270-5		23
10	Prenatal diagnosis of right ventricular outflow tract obstruction with intact ventricular septum, and detection of ventriculocoronary connections. <i>Heart</i> , 1999 , 81, 661-8	5.1	63
9	Prenatal features of ductus arteriosus constriction and restrictive foramen ovale in d-transposition of the great arteries. <i>Circulation</i> , 1999 , 99, 1209-14	16.7	115
8	Comparison of outcome when hypoplastic left heart syndrome and transposition of the great arteries are diagnosed prenatally versus when diagnosis of these two conditions is made only postnatally. <i>American Journal of Cardiology</i> , 1999 , 83, 1649-53	3	244
7	Outcome of patients with ectopia cordis and significant intracardiac defects. <i>Circulation</i> , 1996 , 94, 1132-7.16.7		27
6	Levorotation of the fetal cardiac axis: a clue for the presence of congenital heart disease. <i>Obstetrics and Gynecology</i> , 1995 , 85, 97-102	4.9	52
5	In utero pulmonary artery and aortic growth and potential for progression of pulmonary outflow tract obstruction in tetralogy of Fallot. <i>Journal of the American College of Cardiology</i> , 1995 , 25, 739-45	15.1	116
4	Left heart obstructive lesions and left ventricular growth in the midtrimester fetus. A longitudinal study. <i>Circulation</i> , 1995 , 92, 1531-8	16.7	162

- 3 Antenatal diagnosis of coarctation of the aorta: a multicenter experience. *Journal of the American College of Cardiology*, **1994**, 23, 417-23 15.1 124
- 2 Tricuspid valve disease with significant tricuspid insufficiency in the fetus: diagnosis and outcome. *Journal of the American College of Cardiology*, **1991**, 17, 167-73 15.1 174
- 1 Fetal Echocardiography 717-744