

Lisa Hornberger

List of Publications by Year in descending order

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115
papers

7,033
citations

76196

40
h-index

60497

81
g-index

124
all docs

124
docs citations

124
times ranked

3652
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosis and Treatment of Fetal Cardiac Disease. <i>Circulation</i> , 2014, 129, 2183-2242.	1.6	875
2	American society of echocardiography guidelines and standards for performance of the fetal echocardiogram. <i>Journal of the American Society of Echocardiography</i> , 2004, 17, 803-810.	1.2	380
3	Outcome of children with fetal, neonatal or childhood diagnosis of isolated congenital atrioventricular block. <i>Journal of the American College of Cardiology</i> , 2002, 39, 130-137.	1.2	346
4	Transplacental Fetal Treatment Improves the Outcome of Prenatally Diagnosed Complete Atrioventricular Block Without Structural Heart Disease. <i>Circulation</i> , 2004, 110, 1542-1548.	1.6	319
5	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, 1649-1653.	0.7	284
6	Development of Z -scores for fetal cardiac dimensions from echocardiography. <i>Ultrasound in Obstetrics and Gynecology</i> , 2005, 26, 599-605.	0.9	265
7	Prenatal Detection of Congenital Heart Disease. <i>Journal of Pediatrics</i> , 2009, 155, 26-31.e1.	0.9	258
8	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, 678-683.	0.9	233
9	Tricuspid valve disease with significant tricuspid insufficiency in the fetus: Diagnosis and outcome. <i>Journal of the American College of Cardiology</i> , 1991, 17, 167-173.	1.2	211
10	Left Heart Obstructive Lesions and Left Ventricular Growth in the Midtrimester Fetus. <i>Circulation</i> , 1995, 92, 1531-1538.	1.6	206
11	Maternal Anti-Ro and Anti-La Antibody-associated Endocardial Fibroelastosis. <i>Circulation</i> , 2002, 105, 843-848.	1.6	202
12	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.	1.2	163
13	Prenatal Features of Ductus Arteriosus Constriction and Restrictive Foramen Ovale in d-Transposition of the Great Arteries. <i>Circulation</i> , 1999, 99, 1209-1214.	1.6	145
14	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, 739-745.	1.2	144
15	Antenatal diagnosis of coarctation of the aorta: A multicenter experience. <i>Journal of the American College of Cardiology</i> , 1994, 23, 417-423.	1.2	142
16	Fetal Cardiomyopathies. <i>Circulation</i> , 2002, 106, 585-591.	1.6	137
17	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.	0.7	136
18	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.	0.9	119

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19	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, 1533-1538.	1.2	113
20	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, 257-263.	0.9	107
21	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, 715-723.	1.2	104
22	Rhythm abnormalities of the fetus. <i>Heart</i> , 2007, 93, 1294-1300.	1.2	101
23	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, 1085-1090.	0.7	95
24	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, 552-559.	0.9	95
25	Prenatal diagnosis of right ventricular outflow tract obstruction with intact ventricular septum, and detection of ventriculocoronary connections. <i>Heart</i> , 1999, 81, 661-668.	1.2	85
26	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, 1388-1395.	0.7	82
27	Evolution of Congenital Heart Disease in Utero. <i>Pediatric Cardiology</i> , 2004, 25, 287-98.	0.6	80
28	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, 470-477.	0.7	76
29	Right Ventricular Function in Fetal Hypoplastic Left Heart Syndrome. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 1068-1074.	1.2	74
30	Home Monitoring for Fetal Heart Rhythm During Anti-Ro Pregnancies. <i>Journal of the American College of Cardiology</i> , 2018, 72, 1940-1951.	1.2	70
31	Levorotation of the Fetal Cardiac Axis: A Clue for the Presence of Congenital Heart Disease. <i>Obstetrics and Gynecology</i> , 1995, 85, 97-102.	1.2	67
32	Spectrum of Cardiac Involvement in Neonatal Lupus. <i>Scandinavian Journal of Immunology</i> , 2010, 72, 189-197.	1.3	61
33	Effectiveness of Sotalol as First-Line Therapy for Fetal Supraventricular Tachyarrhythmias. <i>American Journal of Cardiology</i> , 2012, 109, 1614-1618.	0.7	60
34	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.	1.3	58
35	Left Ventricular Myocardial Performance in the Fetus with Severe Tricuspid Valve Disease and Tricuspid Insufficiency. <i>American Journal of Perinatology</i> , 2005, 22, 91-97.	0.6	55
36	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

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37	Severe left heart obstruction with retrograde arch flow influences fetal cerebral and placental blood flow. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013, 42, 294-299.	0.9	53
38	Evolution of Left Ventricular Function in the Preterm Infant. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 302-308.	1.2	53
39	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.	1.2	47
40	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.	0.9	42
41	Prenatal Diagnosis of Vascular Rings. <i>Journal of Ultrasound in Medicine</i> , 2010, 29, 287-294.	0.8	41
42	Outcome after prenatal diagnosis of tricuspid atresia: A multicenter experience. <i>American Heart Journal</i> , 2007, 153, 772-778.	1.2	40
43	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, 879-885.	0.8	40
44	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.	1.0	40
45	Changes in fetal cardiac axis between 8 and 15 weeks' gestation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013, 42, 653-658.	0.9	34
46	Systolic and Diastolic Function of the Fetal Single Left Ventricle. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 972-977.	1.2	34
47	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.	1.2	31
48	De novo 46,XX,t(6;7)(q27;q11;23) associated with severe cardiovascular manifestations characteristic of supravalvular aortic stenosis and Williams syndrome. , 2000, 90, 270-275.		28
49	Outcome of patients with ectopia cordis and significant intracardiac defects. <i>Circulation</i> , 1996, 94, 1132-7.	1.6	28
50	Prenatal Detection, Comorbidities, and Management of Vascular Rings. <i>American Journal of Cardiology</i> , 2019, 123, 1703-1708.	0.7	27
51	Maternal hypothyroidism may be associated with CHD in offspring. <i>Cardiology in the Young</i> , 2015, 25, 1247-1253.	0.4	24
52	Early fetal echocardiography. <i>Birth Defects Research</i> , 2019, 111, 370-379.	0.8	24
53	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-W85.	1.0	23
54	Doppler parameters of fetal lung hypoplasia and impact of sildenafilafil. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 211, 263.e1-263.e8.	0.7	20

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55	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.	0.4	20
56	Cardiac Function Assessment in Patients with Family History of Nonhypertrophic Cardiomyopathy: A Prenatal and Postnatal Study. <i>Pediatric Cardiology</i> , 2005, 26, 543-552.	0.6	16
57	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.	1.2	16
58	Cardiac function and dysfunction in the fetus. <i>Echocardiography</i> , 2017, 34, 1776-1787.	0.3	15
59	Outcome of Antibody-Mediated Fetal Heart Disease With Standardized Anti-Inflammatory Transplacental Treatment. <i>Journal of the American Heart Association</i> , 2022, 11, e023000.	1.6	15
60	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.e1-163.e7.	1.2	14
61	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-H607.	1.5	14
62	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.	1.2	14
63	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, 81-87.	0.3	13
64	Cardiovascular Health of Offspring of Diabetic Mothers From the Fetal Through Late-Infancy Stages. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 932-934.	2.3	12
65	The Role of Fetal Echocardiography in Fetal Intervention: A Symbiotic Relationship. <i>Clinics in Perinatology</i> , 2009, 36, 301-327.	0.8	11
66	Prenatal diagnosis of primary pulmonary hypoplasia in fraternal twins. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 35, 113-116.	0.9	11
67	Fetal Diagnosis is Associated with Improved Perioperative Condition of Neonates Requiring Surgical Intervention for Coarctation. <i>Pediatric Cardiology</i> , 2021, 42, 1504-1511.	0.6	11
68	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.	0.6	10
69	The hypoplastic left heart complex: fetal predictors of growth and surgical repair. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 58, 405-410.	0.9	10
70	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.	0.8	10
71	Role of quantitative assessment in fetal echocardiography. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 35, 4-6.	0.9	9
72	Persistent Aortic Stiffness and Left Ventricular Hypertrophy in Children of Diabetic Mothers. <i>CJC Open</i> , 2021, 3, 345-353.	0.7	9

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73	Impact of rural residence and low socioeconomic status on rate and timing of prenatal detection of major congenital heart disease in a jurisdiction of universal health coverage. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 60, 359-366.	0.9	9
74	Diagnosis of left juxtaposition of the atrial appendages in the fetus. <i>Cardiology in the Young</i> , 2000, 10, 220-224.	0.4	8
75	Industrial Developmental Toxicants and Congenital Heart Disease in Urban and Rural Alberta, Canada. <i>Challenges</i> , 2018, 9, 26.	0.9	8
76	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, 37, 1923-1933.	0.8	8
77	The Diagnostic Yield of Fetal Echocardiography Indications in the Current Era. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 217-227.e1.	1.2	8
78	Trends in the Prenatal Detection of Major Congenital Heart Disease in Alberta From 2008 to 2018. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2022, 44, 895-900.	0.3	8
79	Fetal echocardiographic features of twisted atrioventricular connections. <i>Cardiology in the Young</i> , 2000, 10, 409-412.	0.4	7
80	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.	0.9	7
81	Fetal double outlet right ventricle without heterotaxy syndrome: Diagnostic spectrum, associated extracardiac pathology and clinical outcomes. <i>Prenatal Diagnosis</i> , 2021, 41, 1118-1126.	1.1	6
82	Branch pulmonary artery Doppler parameters predict early survival to non-survival in premature rupture of membranes. <i>Journal of Perinatology</i> , 2020, 40, 1821-1827.	0.9	6
83	Fetal diagnosis and imaging in cardiology. <i>Expert Opinion on Medical Diagnostics</i> , 2008, 2, 1291-1307.	1.6	5
84	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.e1-490.e8.	0.7	5
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.	1.2	5
86	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.	0.7	5
87	Aortic Coarctation: The Fetal Cardiologist's Achilles Heel. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012877.	1.3	5
88	Prenatal features of ductus arteriosus-related branch pulmonary stenosis in fetal pulmonary atresia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 411-419.	0.9	5
89	Extra-cardiac diagnoses and postnatal outcomes of fetal tetralogy of fallot. <i>Prenatal Diagnosis</i> , 2022, 42, 260-266.	1.1	5
90	Prenatal Diagnosis of the Criss-Cross Heart. <i>American Journal of Cardiology</i> , 2017, 119, 916-922.	0.7	4

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91	A42: Anti- α and Anti- β Antibodies in the General Pregnant Population: Rates and Fetal Outcomes. <i>Arthritis and Rheumatology</i> , 2014, 66, S63.	2.9	3
92	Cardiovascular function during triplet pregnancy. <i>Journal of Applied Physiology</i> , 2021, 130, 1286-1292.	1.2	3
93	Clinical presentation, genetic etiologies and outcomes associated with fetal cardiomyopathies in a more recent era. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, , .	0.9	3
94	Influence of extreme prematurity and bronchopulmonary dysplasia on cardiac function. <i>Echocardiography</i> , 2021, 38, 1596-1603.	0.3	3
95	Left Ventricular Dysfunction in Neonatal Ebstein's Anomaly and Tricuspid Valve Dysplasia. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 503-512.e3.	1.2	3
96	What Does Fetal Echocardiography Add Beyond the Anomaly Scan?. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, 101161CIRCIMAGING122014168.	1.3	3
97	Fetal CINE Cardiac Magnetic Resonance Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e008458.	1.3	2
98	Evolution of the Fetal Atrioventricular Interval from 6 to 40 Weeks of Gestation. <i>American Journal of Cardiology</i> , 2019, 123, 1709-1714.	0.7	2
99	Cecr2 mutant mice as a model for human cat eye syndrome. <i>Scientific Reports</i> , 2021, 11, 3111.	1.6	2
100	Echocardiographic Predictors of Ductal Tissue-Related Branch Pulmonary Artery Stenosis in Pulmonary Atresia. <i>Pediatric Cardiology</i> , 2022, 43, 878-886.	0.6	2
101	Diagnosis, natural history, and outcome of fetal heart disease. <i>Pediatric Cardiac Surgery Annual</i> , 2001, 4, 229-43.	0.5	2
102	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, 518-519.	0.9	1
103	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.	0.9	1
104	Tracking Trends in Emissions of Developmental Toxicants and Potential Associations with Congenital Heart Disease in Alberta, Canada. <i>Challenges</i> , 2018, 9, 28.	0.9	1
105	Prenatal features, associated comorbidities and clinical course of agenesis of the ductus venosus in the current era. <i>Prenatal Diagnosis</i> , 2021, 41, 15-20.	1.1	1
106	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.	1.1	1
107	Extracardiac Pathology in Fetal Heart Disease. <i>Journal of the American College of Cardiology</i> , 2021, 78, 2323-2325.	1.2	1
108	P034: Fetal cardiac defects and increased nuchal translucency thickness. <i>Ultrasound in Obstetrics and Gynecology</i> , 2003, 22, 80-80.	0.9	0

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109	P326: Four cases of fetal RV diverticulum and pericardial effusion treated in-utero. Ultrasound in Obstetrics and Gynecology, 2003, 22, 158-158.	0.9	0
110	P348: Prenatal cardiovascular pathology in the recipient twin in twin-to-twin transfusion syndrome and the impact of therapeutic amnioreductions and selective laser coagulation. Ultrasound in Obstetrics and Gynecology, 2003, 22, 164-164.	0.9	0
111	OC22.02: Validation of clinical Doppler parameters of pulmonary vascular responsivity and severity of lung hypoplasia in a fetal rat model. Ultrasound in Obstetrics and Gynecology, 2011, 38, 41-41.	0.9	0
112	THE ROLE OF DEVELOPMENTAL TOXICANTS AND SOCIO-ECONOMIC STATUS ON CONGENITAL HEART DISEASE IN URBAN AND RURAL ALBERTA. Paediatrics and Child Health, 2018, 23, e37-e38.	0.3	0
113	Effects of Early Myocardial Postnatal Maturation on Tolerance to Atrial Tachycardia With Altered Loading Conditions: An in vivo Swine Model. Frontiers in Pediatrics, 2020, 8, 346.	0.9	0
114	Cardioautonomic control in healthy singleton and twin pregnancies. Journal of Applied Physiology, 2021, 130, 923-932.	1.2	0
115	To Be or Not to Be: Surviving Immune-Mediated Fetal Heart Disease. Journal of the American Heart Association, 0, , .	1.6	0