Mary T Donofrio

List of Publications by Year
in descending order

70	2,989	279798 23	175258 52
papers	citations	h-index	g-index

71	71	71	2929
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diagnosis and Treatment of Fetal Cardiac Disease. Circulation, 2014, 129, 2183-2242.	1.6	875
2	Neurodevelopmental Outcomes After Cardiac Surgery in Infancy. Pediatrics, 2015, 135, 816-825.	2.1	392
3	Outcomes and Predictors of Perinatal Mortality in Fetuses With Ebstein Anomaly or Tricuspid Valve Dysplasia in the Current Era. Circulation, 2015, 132, 481-489.	1.6	128
4	A detailed comparison of mouse and human cardiac development. Pediatric Research, 2014, 76, 500-507.	2.3	110
5	Specialized Delivery Room Planning for Fetuses With Critical Congenital Heart Disease. American Journal of Cardiology, 2013, 111, 737-747.	1.6	104
6	Impact of Congenital Heart Disease on Brain Development and Neurodevelopmental Outcome. International Journal of Pediatrics (United Kingdom), 2010, 2010, 1-13.	0.8	94
7	Brain Volume and Neurobehavior in Newborns with Complex Congenital Heart Defects. Journal of Pediatrics, 2014, 164, 1121-1127.e1.	1.8	93
8	Impact of congenital heart disease on fetal brain development and injury. Current Opinion in Pediatrics, 2011, 23, 502-511.	2.0	85
9	Home Monitoring for Fetal Heart Rhythm During Anti-Ro Pregnancies. Journal of the American College of Cardiology, 2018, 72, 1940-1951.	2.8	70
10	Risk-Stratified Postnatal Care of Newborns with Congenital Heart Disease Determined by Fetal Echocardiography. Journal of the American Society of Echocardiography, 2015, 28, 1339-1349.	2.8	68
11	Prevalence and pattern of executive dysfunction in school age children with congenital heart disease. Congenital Heart Disease, 2017, 12, 202-209.	0.2	57
12	Non-Invasive Placental Perfusion Imaging in Pregnancies Complicated by Fetal Heart Disease Using Velocity-Selective Arterial Spin Labeled MRI. Scientific Reports, 2017, 7, 16126.	3.3	56
13	Impact of Socioeconomic Status, Race and Ethnicity, and Geography on Prenatal Detection of Hypoplastic Left Heart Syndrome and Transposition of the Great Arteries. Circulation, 2021, 143, 2049-2060.	1.6	54
14	Congenital Complete Heart Block: Fetal Management Protocol, Review of the Literature, and Report of the Smallest Successful Pacemaker Implantation. Journal of Perinatology, 2004, 24, 112-117.	2.0	48
15	Cerebral tissue oxygenation index and lactate at 24 hours postoperative predict survival and neurodevelopmental outcome after neonatal cardiac surgery. Congenital Heart Disease, 2017, 12, 188-195.	0.2	45
16	Impaired Global and Regional Cerebral Perfusion in Newborns with Complex Congenital Heart Disease. Journal of Pediatrics, 2015, 167, 1018-1024.	1.8	39
17	Fetal echocardiography for planning perinatal and delivery room care of neonates with congenital heart disease. Echocardiography, 2017, 34, 1804-1821.	0.9	37
18	Hemodynamic Responses of the Placenta and Brain to Maternal Hyperoxia in Fetuses with Congenital Heart Disease by Using Blood Oxygenâ€“Level Dependent MRI. Radiology, 2020, 294, 141-148.	7.3	37

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19	Perinatal and Delivery Management of Infants with Congenital Heart Disease. Clinics in Perinatology, 2016, 43, 55-71.	2.1	36
20	Executive Function and Psychosocial Quality of Life in School Age Children with Congenital Heart Disease. Journal of Pediatrics, 2018, 202, 63-69.	1.8	35
21	Predictive Models for Normal Fetal Cardiac Structures. Journal of the American Society of Echocardiography, 2016, 29, 1197-1206.	2.8	29
22	Prenatal Maternal Hyperoxygenation Testing and Implications for Critical Care Delivery Planning among Fetuses with Congenital Heart Disease: Early Experience. American Journal of Perinatology, 2018, 35, 016-023.	1.4	27
23	Optimal Timing for Elective Early Primary Repair of Tetralogy of Fallot: Analysis of Intermediate Term Outcomes. Annals of Thoracic Surgery, 2017, 103, 845-852.	1.3	26
24	Specific Considerations for Pediatric, Fetal, and Congenital Heart Disease Patients and Echocardiography Service Providers during the 2019 Novel Coronavirus Outbreak: Council on Pediatric and Congenital Heart Disease Supplement to the Statement of the American Society of Echocardiography. Journal of the American Society of Echocardiography, 2020, 33, 658-665.	2.8	26
25	Predicting the Future: Delivery Room Planning of Congenital Heart Disease Diagnosed by Fetal Echocardiography. American Journal of Perinatology, 2018, 35, 549-552.	1.4	24
26	Tetralogy of Fallot with absent pulmonary valve: Echocardiographic morphometric features of the right-sided structures and their relationship to presentation and outcome. Journal of the American Society of Echocardiography, 1997, 10, 556-561.	2.8	23
27	Left Ventricular Isovolumetric Relaxation Time Is Prolonged in Fetal Long-QT Syndrome. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e005797.	4.8	22
28	Clinical Utility of Fetal Magnetic Resonance Imaging in Tetralogy of Fallot With Absent Pulmonary Valve. Circulation, 2013, 127, 757-759.	1.6	21
29	Circulatory Changes and Cerebral Blood Flow and Oxygenation During Transition in Newborns With Congenital Heart Disease. Seminars in Pediatric Neurology, 2018, 28, 38-47.	2.0	21
30	Utility of fetal magnetic resonance imaging in assessing the fetus with cardiac malposition. Prenatal Diagnosis, 2016, 36, 752-759.	2.3	19
31	Feasibility of Noninvasive Fetal Electrocardiographic Monitoring in a Clinical Setting. Pediatric Cardiology, 2015, 36, 1042-1049.	1.3	17
32	Hybrid strategy in neonates with ductal-dependent systemic circulation and multiple risk factors. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, 1291-1303.e6.	0.8	16
33	Pentalogy of Cantrell with a Single-Ventricle Cardiac Defect: Collaborative Management of a Complex Disease. Pediatric Cardiology, 2011, 32, 498-502.	1.3	15
34	Myocardial strain can be measured from first trimester fetal echocardiography using velocity vector imaging. Prenatal Diagnosis, 2016, 36, 483-488.	2.3	15
35	Determinants of neurological outcome in neonates with congenital heart disease following heart surgery. Pediatric Research, 2021, 89, 1283-1290.	2.3	15
36	Contemporary Outcomes in Tetralogy of Fallot With Absent Pulmonary Valve After Fetal Diagnosis. Journal of the American Heart Association, 2021, 10, e019713.	3.7	15

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37	Cardiac echocardiogram findings of severe acute respiratory syndrome coronavirus-2-associated multi-system inflammatory syndrome in children. Cardiology in the Young, 2021, , 1-9.	0.8	14
38	The Bayley-III scale may underestimate neurodevelopmental disability after cardiac surgery in infants. European Journal of Cardio-thoracic Surgery, 2020, 57, 63-71.	1.4	13
39	Prenatal cardiac care: Goals, priorities & gaps in knowledge in fetal cardiovascular disease: Perspectives of the Fetal Heart Society. Progress in Pediatric Cardiology, 2020, 59, 101312.	0.4	12
40	Hypoplastic Left Heart Syndrome With Intact Atrial Septum. Journal of the American College of Cardiology, 2011, 57, e369.	2.8	11
41	Multidisciplinary Collaboration in Fetal Cardiovascular Research: The Time Has Come. Journal of the American Society of Echocardiography, 2016, 29, 140-142.	2.8	10
42	Common Findings in Lateâ€Gestation Fetal Echocardiography. Journal of Ultrasound in Medicine, 2017, 36, 2431-2437.	1.7	10
43	Predictors of Neurological Outcome Following Infant Cardiac Surgery Without Deep Hypothermic Circulatory Arrest. Pediatric Cardiology, 2022, 43, 62-73.	1.3	9
44	Expanding Access to Fetal Telecardiology During the COVID-19 Pandemic. Telemedicine Journal and E-Health, 2021, 27, 1235-1240.	2.8	9
45	Clinical Utility of Ductus Venosus Flow in Fetuses With Rightâ€Sided Congenital Heart Disease. Journal of Ultrasound in Medicine, 2014, 33, 1563-1571.	1.7	8
46	Neonatal and maternal outcomes of pregnancies with a fetal diagnosis of congenital heart disease using a standardized delivery room management protocol. Journal of Perinatology, 2020, 40, 316-323.	2.0	8
47	Noninvasive Fetal Electrocardiography in the Diagnosis of Long QT Syndrome: A Case Series. Fetal Diagnosis and Therapy, 2020, 47, 711-716.	1.4	7
48	Parentsâ€™ decision-making for their foetus or neonate with a severe congenital heart defect. Cardiology in the Young, 2022, 32, 896-903.	0.8	7
49	Current State of Fetal Heart Disease Counseling and Training: Room for Improvement?. Pediatric Cardiology, 2022, 43, 1548-1558.	1.3	7
50	Image Fusion Guided Device Closure of Left Ventricle to Right Atrium Shunt. Circulation, 2015, 132, 1366-1367.	1.6	6
51	The association of maternal hypertensive disorders with neonatal congenital heart disease: analysis of a United States cohort. Journal of Perinatology, 2020, 40, 1617-1624.	2.0	6
52	â€œThe Mental Health Piece is Hugeâ€: perspectives on developing a prenatal maternal psychological intervention for congenital heart disease. Cardiology in the Young, 2022, 32, 1268-1275.	0.8	6
53	In Utero MRI Identifies Impaired Second Trimester Subplate Growth in Fetuses with Congenital Heart Disease. Cerebral Cortex, 2022, 32, 2858-2867.	2.9	6
54	Impact of perinatal management on neurodevelopmental outcomes in congenital heart disease. Seminars in Perinatology, 2022, 46, 151582.	2.5	6

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55	ASE Statement on Adapting Pediatric, Fetal, and Congenital Heart Disease Echocardiographic Services to the Evolving COVID-19 Pandemic. Journal of the American Society of Echocardiography, 2021, 34, 553-561.	2.8	5
56	Umbilical Cord Blood Gas in Newborns with Prenatal Diagnosis of Congenital Heart Disease: Insight into In-Utero and Delivery Hemodynamics. Pediatric Cardiology, 2019, 40, 1575-1583.	1.3	4
57	Lessons Learned from Infants with Late Detection of Critical Congenital Heart Disease. Pediatric Cardiology, 2022, 43, 580-585.	1.3	4
58	Provider insights on shared decision-making with families affected by CHD. Cardiology in the Young, 2022, 32, 1475-1482.	0.8	4
59	Frequency-Based Maternal Electrocardiogram Attenuation for Fetal Electrocardiogram Analysis. Annals of Biomedical Engineering, 2022, 50, 836-846.	2.5	4
60	The Power Is in the Numbers. Journal of the American College of Cardiology, 2015, 66, 400-402.	2.8	3
61	The Fetal Heart Society: facilitating multidisciplinary collaborative fetal cardiovascular research. Prenatal Diagnosis, 2016, 36, 489-491.	2.3	3
62	Maternal mental distress and cortisol levels in pregnancies with congenital heart disease. Cardiology in the Young, 2022, 32, 975-979.	0.8	3
63	Geographic Distribution of Congenital Heart Disease: A Single Surgical Center Experience. Journal of Pediatrics, 2022, 240, 117-121.	1.8	3
64	Prediction of outcome in fetal autoimmune complete heart block. Prenatal Diagnosis, 2020, 40, 557-564.	2.3	2
65	Extracardiac Doppler indices predict perinatal mortality in fetuses with Ebstein anomaly and tricuspid valve dysplasia. Prenatal Diagnosis, 2021, 41, 332-340.	2.3	2
66	Incidence and predictors of epilepsy in children with congenital heart disease. Cardiology in the Young, 2022, 32, 918-924.	0.8	2
67	Predicting Cardiac Anatomy, Physiology, and Surgical Management Based on Fetal Echocardiography in Heterotaxy Syndrome. American Journal of Perinatology, 2023, 40, 1081-1087.	1.4	1
68	Fetal acute cerebral vasoreactivity to maternal hyperoxia in lowâ€risk pregnancies: a crossâ€sectional study. Prenatal Diagnosis, 2020, 40, 813-824.	2.3	0
69	Fetal Echocardiography for the General Pediatrician. Pediatric Annals, 2021, 50, e121-e127.	0.8	0
70	Abstract 16727: Cardiac Complications of SARS CoV-2 Associated Multi-System Inflammatory Syndrome in Children (mis-c). Circulation, 2020, 142, .	1.6	0