

Brenda Valenzuela-Alcaraz

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

865
citations

566801

15
h-index

500791

28
g-index

46
all docs

46
docs citations

46
times ranked

913
citing authors

#	ARTICLE	IF	CITATIONS
1	Assisted Reproductive Technologies Are Associated With Cardiovascular Remodeling In Utero That Persists Postnatally. <i>Circulation</i> , 2013, 128, 1442-1450.	1.6	138
2	Fetal cardiovascular remodeling persists at 6 months in infants with intrauterine growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 48, 349-356.	0.9	88
3	SIRT3-mediated inhibition of FOS through histone H3 deacetylation prevents cardiac fibrosis and inflammation. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 14.	7.1	87
4	Evaluation of deep convolutional neural networks for automatic classification of common maternal fetal ultrasound planes. <i>Scientific Reports</i> , 2020, 10, 10200.	1.6	79
5	A fetal cardiovascular score to predict infant hypertension and arterial remodeling in intrauterine growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 210, 552.e1-552.e22.	0.7	70
6	Descriptive analysis of different phenotypes of cardiac remodeling in fetal growth restriction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017, 50, 207-214.	0.9	69
7	Ultrasound assessment of fetal cardiac function. <i>Australasian Journal of Ultrasound in Medicine</i> , 2013, 16, 158-167.	0.3	40
8	Postnatal persistence of fetal cardiovascular remodelling associated with assisted reproductive technologies: a cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2019, 126, 291-298.	1.1	37
9	Zidovudine treatment in HIV-infected pregnant women is associated with fetal cardiac remodelling. <i>Aids</i> , 2016, 30, 1393-1401.	1.0	33
10	Nomograms of Fetal Cardiac Dimensions at 18–41 Weeks of Gestation. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 387-398.	0.6	32
11	TTS-GPS: Patient-specific preoperative planning and simulation platform for twin-to-twin transfusion syndrome fetal surgery. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 179, 104993.	2.6	20
12	Reference ranges for fetal cardiac, ventricular and atrial relative size, sphericity, ventricular dominance, wall asymmetry and relative wall thickness from 18 to 41 gestational weeks. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 388-397.	0.9	20
13	Analysis of maturation features in fetal brain ultrasound via artificial intelligence for the estimation of gestational age. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2021, 3, 100462.	1.3	18
14	Differential effect of mode of conception and infertility treatment on fetal growth and prematurity. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 3879-3884.	0.7	17
15	Differential effect of assisted reproductive technology and small-for-gestational age on fetal cardiac remodeling. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017, 50, 63-70.	0.9	16
16	Fetal cardiac remodeling in twin pregnancy conceived by assisted reproductive technology. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018, 51, 94-100.	0.9	16
17	Cardiac remodeling in fetuses conceived by ARTs: fresh versus frozen embryo transfer. <i>Human Reproduction</i> , 2021, 36, 2697-2708.	0.4	13
18	Patient-specific estimates of vascular and placental properties in growth-restricted fetuses based on a model of the fetal circulation. <i>Placenta</i> , 2015, 36, 981-989.	0.7	12

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19	Characterizing cardiac dysfunction in fetuses with left congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2018, 38, 422-427.	1.1	10
20	Cardiac Remodeling and Hypertension in HIV-Uninfected Infants Exposed in utero to Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2021, 73, 586-593.	2.9	9
21	Comparison of 2D versus M-mode echocardiography for assessing fetal myocardial wall thickness. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 2319-2327.	0.7	8
22	Nomograms of Fetal Right Ventricular Fractional Area Change by 2D Echocardiography. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 399-410.	0.6	7
23	Uncomplicated Monochorionic Twins: Two Normal Hearts Sharing One Placenta. <i>Journal of Clinical Medicine</i> , 2020, 9, 3602.	1.0	7
24	Atrioventricular plane displacement versus mitral and tricuspid annular plane systolic excursion: A comparison between cardiac magnetic resonance and M-mode echocardiography. <i>Clinical Physiology and Functional Imaging</i> , 2021, 41, 262-270.	0.5	5
25	Mid-trimester prediction of spontaneous preterm birth with automated cervical quantitative ultrasound texture analysis and cervical length: a prospective study. <i>Scientific Reports</i> , 2021, 11, 7469.	1.6	5
26	Remodeling of the cardiovascular circulation in fetuses of mothers with diabetes: A fetal computational model analysis. <i>Placenta</i> , 2018, 63, 1-6.	0.7	2
27	Segmentation of the placenta and its vascular tree in Doppler ultrasound for fetal surgery planning. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 1869-1879.	1.7	1
28	Intra- and interobserver reproducibility of second trimester ultrasound cervical length measurement in a general population. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, , 1-4.	0.7	1
29	P-771 Subfertility versus in vitro fertilization procedures: unravelling the origins of fetal cardiac remodeling in assisted reproductive technologies. <i>Human Reproduction</i> , 2022, 37, .	0.4	0