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List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,664
citations

236612

25
h-index

344852

36
g-index

66
all docs

66
docs citations

66
times ranked

2187
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal sildenafil for severe fetal growth restriction (STRIDER): a multicentre, randomised, placebo-controlled, double-blind trial. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 93-102.	2.7	146
2	R_{1} and R_{2}^* changes in the human placenta in response to maternal oxygen challenge. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1427-1433.	1.9	68
3	Proinflammatory cytokines inhibit human placental 11β -hydroxysteroid dehydrogenase type 2 activity through Ca^{2+} and cAMP pathways. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 290, E282-E288.	1.8	64
4	Fetoplacental vascular alterations associated with fetal growth restriction. <i>Placenta</i> , 2014, 35, 808-815.	0.7	61
5	Epidermal Growth Factor Stimulation of Trophoblast Differentiation Requires MAPK11/14 (p38 MAPK). <i>Trends in Cardiovascular Medicine</i> , 2006, 16, 12-19.	1.2	56
6	MR Imaging Measurements of Altered Placental Oxygenation in Pregnancies Complicated by Fetal Growth Restriction. <i>Radiology</i> , 2017, 285, 953-960.	3.6	52
7	Effects of dietary nitrate supplementation, from beetroot juice, on blood pressure in hypertensive pregnant women: A randomised, double-blind, placebo-controlled feasibility trial. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 80, 37-44.	1.2	52
8	Dysregulated flow-mediated vasodilatation in the human placenta in fetal growth restriction. <i>Journal of Physiology</i> , 2015, 593, 3077-3092.	1.3	46
9	Whole organ vascular casting and microCT examination of the human placental vascular tree reveals novel alterations associated with pregnancy disease. <i>Scientific Reports</i> , 2017, 7, 4144.	1.6	46
10	Human placental oxygenation in late gestation: experimental and theoretical approaches. <i>Journal of Physiology</i> , 2018, 596, 5523-5534.	1.3	44
11	Placental MRI and its application to fetal intervention. <i>Prenatal Diagnosis</i> , 2020, 40, 38-48.	1.1	44
12	Sphingosine-1-phosphate inhibition of placental trophoblast differentiation through a Gi-coupled receptor response. <i>Journal of Lipid Research</i> , 2005, 46, 1833-1839.	2.0	41
13	IFPA Gabor Than Award Lecture: Recognition of placental failure is key to saving babies' lives. <i>Placenta</i> , 2015, 36, S20-S28.	0.7	40
14	Multiple Anti-apoptotic Pathways Stimulated by EGF in Cytotrophoblasts. <i>Placenta</i> , 2005, 26, 548-555.	0.7	37
15	Review: Modelling placental amino acid transfer: From transporters to placental function. <i>Placenta</i> , 2013, 34, S46-S51.	0.7	34
16	Placental Features of Late-Onset Adverse Pregnancy Outcome. <i>PLoS ONE</i> , 2015, 10, e0129117.	1.1	34
17	Gestational age at birth and risk of intellectual disability without a common genetic cause. <i>European Journal of Epidemiology</i> , 2018, 33, 667-678.	2.5	34
18	Postnatal Enalapril to Improve Cardiovascular Function Following Preterm Preeclampsia (PICK-UP): Hypertension, 2020, 76, 1828-1837.	1.3	33

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19	Integration of computational modeling with membrane transport studies reveals new insights into amino acid exchange transport mechanisms. <i>FASEB Journal</i> , 2015, 29, 2583-2594.	0.2	31
20	Parental decision-making following a prenatal diagnosis that is lethal, life-limiting, or has long term implications for the future child and family: a meta-synthesis of qualitative literature. <i>BMC Medical Ethics</i> , 2019, 20, 56.	1.0	31
21	Continuous objective recording of fetal heart rate and fetal movements could reliably identify fetal compromise, which could reduce stillbirth rates by facilitating timely management. <i>Medical Hypotheses</i> , 2014, 83, 410-417.	0.8	30
22	The impact of IVF on birthweight from 1991 to 2015: a cross-sectional study. <i>Human Reproduction</i> , 2019, 34, 920-931.	0.4	28
23	The impact of selected embryo culture conditions on ART treatment cycle outcomes: a UK national study. <i>Human Reproduction Open</i> , 2020, 2020, hoz031.	2.3	28
24	Differential proteomic analysis of highly purified placental cytotrophoblasts in pre-eclampsia demonstrates a state of increased oxidative stress and reduced cytotrophoblast antioxidant defense. <i>Proteomics</i> , 2011, 11, 4077-4084.	1.3	27
25	Computational modelling of amino acid exchange and facilitated transport in placental membrane vesicles. <i>Journal of Theoretical Biology</i> , 2015, 365, 352-364.	0.8	27
26	Computational modelling of placental amino acid transfer as an integrated system. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1451-1461.	1.4	27
27	A prediction model for short-term neonatal outcomes in severe early-onset fetal growth restriction. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2019, 241, 109-118.	0.5	26
28	The impact of COVID-19 on pregnancy outcomes in a diverse cohort in England. <i>Scientific Reports</i> , 2022, 12, 942.	1.6	26
29	Postnatal investigations: management and prognosis for fetuses with CNS anomalies identified <i>in utero</i> excluding neurosurgical problems. <i>Prenatal Diagnosis</i> , 2009, 29, 442-449.	1.1	23
30	A randomised controlled trial comparing standard or intensive management of reduced fetal movements after 36 weeks gestation-a feasibility study. <i>BMC Pregnancy and Childbirth</i> , 2013, 13, 95.	0.9	23
31	Absence of $\text{P}^{2\text{d}}$ change in fetal brain despite $\text{P}^{2\text{d}}$ increase in placenta in response to maternal oxygen challenge. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2014, 121, 1588-1594.	1.1	22
32	Vitamin D attenuates sphingosine-1-phosphate (S1P)-mediated inhibition of extravillous trophoblast migration. <i>Placenta</i> , 2017, 60, 1-8.	0.7	22
33	Third trimester placental volume and biometry measurement: A method-development study. <i>Placenta</i> , 2016, 42, 51-58.	0.7	20
34	Fractional fetal thigh volume in the prediction of normal and abnormal fetal growth during the third trimester of pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 453.e1-453.e12.	0.7	20
35	A massively multi-scale approach to characterizing tissue architecture by synchrotron micro-CT applied to the human placenta. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210140.	1.5	20
36	Mortality in the UK STRIDER trial of sildenafil therapy for the treatment of severe early-onset fetal growth restriction. <i>The Lancet Child and Adolescent Health</i> , 2019, 3, e2-e3.	2.7	19

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37	Phenylalanine transfer across the isolated perfused human placenta: an experimental and modeling investigation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R828-R836.	0.9	17
38	Maternal perception of fetal movements in late pregnancy is affected by type and duration of fetal movement. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 2145-2150.	0.7	17
39	A clinical evaluation of placental growth factor in routine practice in high-risk women presenting with suspected pre-eclampsia and/or fetal growth restriction. <i>Pregnancy Hypertension</i> , 2018, 14, 234-239.	0.6	17
40	Antenatal placental assessment in the prediction of adverse pregnancy outcome after reduced fetal movement. <i>PLoS ONE</i> , 2018, 13, e0206533.	1.1	17
41	Dietary interventions for fetal growth restriction – therapeutic potential of dietary nitrate supplementation in pregnancy. <i>Journal of Physiology</i> , 2017, 595, 5095-5102.	1.3	15
42	Epidermal growth factor and sphingosine-1-phosphate stimulate Na ⁺ /H ⁺ -exchanger activity in the human placental syncytiotrophoblast. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R2290-R2294.	0.9	14
43	The effect of labetalol and nifedipine MR on blood pressure in women with chronic hypertension in pregnancy. <i>Pregnancy Hypertension</i> , 2018, 11, 92-98.	0.6	13
44	Personalising cardiovascular network models in pregnancy: A two-tiered parameter estimation approach. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2020, 37, e3267.	1.0	13
45	Associations of IVF singleton birthweight and gestation with clinical treatment and laboratory factors: a multicentre cohort study. <i>Human Reproduction</i> , 2020, 35, 2860-2870.	0.4	12
46	Targeted Delivery of Epidermal Growth Factor to the Human Placenta to Treat Fetal Growth Restriction. <i>Pharmaceutics</i> , 2021, 13, 1778.	2.0	12
47	Risk stratification for early-onset fetal growth restriction in women with abnormal serum biomarkers: a retrospective cohort study. <i>Scientific Reports</i> , 2020, 10, 22259.	1.6	12
48	R1 changes in the human placenta at 34 weeks in response to a maternal oxygen challenge protocol. <i>Placenta</i> , 2016, 39, 151-153.	0.7	11
49	The sexual and reproductive health of women with mental illness: a primary care registry study. <i>Archives of Women's Mental Health</i> , 2022, 25, 585-593.	1.2	11
50	Women's experiences of continuous fetal monitoring – a mixed-methods systematic review. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2017, 96, 1404-1413.	1.3	10
51	Can information regarding the index stillbirth determine risk of adverse outcome in a subsequent pregnancy? Findings from a single-center cohort study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2021, 100, 1326-1335.	1.3	10
52	Prenatal diagnosis of frontonasal dysplasia using 3D ultrasound. <i>Prenatal Diagnosis</i> , 2008, 28, 1075-1076.	1.1	9
53	Intraexaminer and Interexaminer Variability in 3D Fetal Volume Measurements During the Second and Third Trimesters of Pregnancy. <i>Journal of Ultrasound in Medicine</i> , 2017, 36, 1415-1429.	0.8	9
54	Evaluating the accuracy and precision of sonographic fetal weight estimation models in extremely early-onset fetal growth restriction. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2020, 99, 364-373.	1.3	9

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55	Professionals' views of fetal-monitoring support the development of devices to provide objective longer-term assessment of fetal wellbeing. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 1680-1686.	0.7	8
56	Women's lived experiences of a prenatal diagnosis of fetal growth restriction at the limits of viability: An interpretative phenomenological study. <i>Midwifery</i> , 2019, 76, 110-117.	1.0	7
57	Effect of sildenafil on maternal hemodynamics in pregnancies complicated by severe early-onset fetal growth restriction: planned subgroup analysis from a multicenter randomized placebo-controlled double-blind trial. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 55, 198-209.	0.9	7
58	Ultrasound presentation of Pallister-Killian syndrome with a prominent sacral appendage. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012, 40, 239-241.	0.9	6
59	A mixed-methods evaluation of continuous electronic fetal monitoring for an extended period. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2018, 97, 1515-1523.	1.3	6
60	Intra-placental arterial Doppler: A marker of fetoplacental vascularity in late-onset placental disease?. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2020, 99, 865-874.	1.3	4
61	Micro-haemodynamics at the maternal-fetal interface: Experimental, theoretical and clinical perspectives. <i>Current Opinion in Biomedical Engineering</i> , 2022, 22, 100387.	1.8	4
62	MANAGEMENT OF REDUCED FETAL MOVEMENTS. <i>Fetal and Maternal Medicine Review</i> , 2013, 24, 201-231.	0.3	3
63	Obstetrics for the anaesthetist. , 0, , 35-43.		0
64	The rise and rise of angiogenic biomarkers in the third trimester of pregnancy. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 545-546.	2.7	0
65	Early-onset fetal growth restriction. , 2015, , 111-120.		0