

Leslie Myatt

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

4,752
citations

136950

32
h-index

106344

65
g-index

69
all docs

69
docs citations

69
times ranked

5445
citing authors

#	ARTICLE	IF	CITATIONS
1	The prediction of preeclampsia: the way forward. American Journal of Obstetrics and Gynecology, 2022, 226, S1102-S1107.e8.	1.3	21
2	Neutralizing antibody activity against SARS-CoV-2 variants in gestational age-matched mother-infant dyads after infection or vaccination. JCI Insight, 2022, 7, .	5.0	13
3	Advancing understanding of maternal age: correlating epigenetic clocks in blood and myometrium. , 2022, 2, .		3
4	Role of EZH2-mediated H3K27me3 in placental ADAM12-S expression: implications for fetoplacental growth. BMC Medicine, 2022, 20, .	5.5	2
5	PGE2 vs PGF2± in human parturition. Placenta, 2021, 104, 208-219.	1.5	32
6	Subtypes of Preeclampsia: Recognition and Determining Clinical Usefulness. Hypertension, 2021, 77, 1430-1441.	2.7	111
7	C/EBPβ drives key endocrine signals in the human amnion at parturition. Clinical and Translational Medicine, 2021, 11, e416.	4.0	14
8	The Global Pregnancy Collaboration (CoLab) Biobank of rare placentas. Placenta, 2021, 114, 50-51.	1.5	0
9	Placental mitochondrial dysfunction with metabolic diseases: Therapeutic approaches. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 165967.	3.8	31
10	Differences in Glycolysis and Mitochondrial Respiration between Cytotrophoblast and Syncytiotrophoblast In-Vitro: Evidence for Sexual Dimorphism. International Journal of Molecular Sciences, 2021, 22, 10875.	4.1	13
11	Differences in Placental Imprinted Gene Expression across Preeclamptic and Non-Preeclamptic Pregnancies. Genes, 2020, 11, 1146.	2.4	3
12	COVID-19: Challenges and Lessons Learned from Early Career Investigators. Journal of Women's Health, 2020, 29, 752-754.	3.3	18
13	Daily Ethanol Drinking Followed by an Abstinence Period Impairs Bone Marrow Niche and Mitochondrial Function of Hematopoietic Stem/Progenitor Cells in Rhesus Macaques. Alcoholism: Clinical and Experimental Research, 2020, 44, 1088-1098.	2.4	11
14	The Human Placenta in Health and Disease. Obstetrics and Gynecology Clinics of North America, 2020, 47, xv-xviii.	1.9	6
15	Use of Glucose, Glutamine, and Fatty Acids for Trophoblast Respiration in Lean Women, Women With Obesity, and Women With Gestational Diabetes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 4178-4187.	3.6	30
16	Mechanistic Target of Rapamycin Complex 1 Promotes the Expression of Genes Encoding Electron Transport Chain Proteins and Stimulates Oxidative Phosphorylation in Primary Human Trophoblast Cells by Regulating Mitochondrial Biogenesis. Scientific Reports, 2019, 9, 246.	3.3	51
17	Activation of prostaglandin EP4 receptor attenuates the induction of cyclooxygenase-2 expression by EP2 receptor activation in human amnion fibroblasts: implications for parturition. FASEB Journal, 2019, 33, 8148-8160.	0.5	19
18	Risk of Ischemic Placental Disease in Relation to Family History of Preeclampsia. American Journal of Perinatology, 2019, 36, 624-631.	1.4	6

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19	Effects of Prenatal Nutrition and the Role of the Placenta in Health and Disease. <i>Methods in Molecular Biology</i> , 2018, 1735, 19-46.	0.9	21
20	Melatonin Improves Mitochondrial Respiration in Syncytiotrophoblasts From Placentas of Obese Women. <i>Reproductive Sciences</i> , 2018, 25, 120-130.	2.5	22
21	Tropomyosin Receptor Kinase B Agonist, 7,8-Dihydroxyflavone, Improves Mitochondrial Respiration in Placentas From Obese Women. <i>Reproductive Sciences</i> , 2018, 25, 452-462.	2.5	6
22	Adverse Maternal and Neonatal Outcomes in Indicated Compared with Spontaneous Preterm Birth in Healthy Nulliparas: A Secondary Analysis of a Randomized Trial. <i>American Journal of Perinatology</i> , 2018, 35, 624-631.	1.4	6
23	Incidence of early-onset sepsis in infants born to women with clinical chorioamnionitis. <i>Journal of Perinatal Medicine</i> , 2018, 46, 926-933.	1.4	41
24	11 β -HSD1 in Human Fetal Membranes as a Potential Therapeutic Target for Preterm Birth. <i>Endocrine Reviews</i> , 2018, 39, 241-260.	20.1	35
25	Maternal obesity alters brain derived neurotrophic factor (BDNF) signaling in the placenta in a sexually dimorphic manner. <i>Placenta</i> , 2017, 49, 55-63.	1.5	34
26	Sexual dimorphism in the effect of maternal obesity on antioxidant defense mechanisms in the human placenta. <i>Placenta</i> , 2017, 51, 64-69.	1.5	70
27	Preface IFPA meeting 2016. <i>Placenta</i> , 2017, 60, S2-S4.	1.5	0
28	Novel thoughts on preterm birth research proceedings of the 13th annual preterm birth international collaborative (PREBIC) meeting. <i>Seminars in Perinatology</i> , 2017, 41, 438-441.	2.5	4
29	Availability of COLLECT, a database for pregnancy and placental research studies worldwide. <i>Placenta</i> , 2017, 57, 223-224.	1.5	12
30	AKAP95-mediated nuclear anchoring of PKA mediates cortisol-induced <i>PTGS2</i> expression in human amnion fibroblasts. <i>Science Signaling</i> , 2017, 10, .	3.6	20
31	Autophagic Degradation of Collagen 1A1 by Cortisol in Human Amnion Fibroblasts. <i>Endocrinology</i> , 2017, 158, 1005-1014.	2.8	23
32	Alterations in the placental methylome with maternal obesity and evidence for metabolic regulation. <i>PLoS ONE</i> , 2017, 12, e0186115.	2.5	89
33	Is Mid-trimester Insulin Resistance Predictive of Subsequent Puerperal Infection? A Secondary Analysis of Randomized Trial Data. <i>American Journal of Perinatology</i> , 2016, 33, 983-990.	1.4	1
34	Waist-to-Hip Ratio versus Body Mass Index as Predictor of Obesity-Related Pregnancy Outcomes. <i>American Journal of Perinatology</i> , 2016, 33, 618-624.	1.4	14
35	Inhibition of Lysyl Oxidase by Cortisol Regeneration in Human Amnion: Implications for Rupture of Fetal Membranes. <i>Endocrinology</i> , 2016, 157, 4055-4065.	2.8	25
36	Mitochondrial function and glucose metabolism in the placenta with gestational diabetes mellitus: role of <i>miR-143</i> . <i>Clinical Science</i> , 2016, 130, 931-941.	4.3	101

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37	Obesity and Placental Function. <i>Seminars in Reproductive Medicine</i> , 2016, 34, 042-049.	1.1	128
38	Sexual dimorphism in activation of placental autophagy in obese women with evidence for fetal programming from a placenta-specific mouse model. <i>Autophagy</i> , 2016, 12, 752-769.	9.1	64
39	Pregnancy and Long-Term Maternal Cardiovascular Health. <i>Hypertension</i> , 2016, 67, 251-260.	2.7	121
40	Inhibition of lysyl oxidase by prostaglandin E2 via EP2/EP4 receptors in human amnion fibroblasts: Implications for parturition. <i>Molecular and Cellular Endocrinology</i> , 2016, 424, 118-127.	3.2	14
41	Preeclampsia: Syndrome or Disease?. <i>Current Hypertension Reports</i> , 2015, 17, 83.	3.5	157
42	Phosphorylation of STAT3 mediates the induction of cyclooxygenase-2 by cortisol in the human amnion at parturition. <i>Science Signaling</i> , 2015, 8, ra106.	3.6	51
43	Adverse Pregnancy Outcomes among Women with Prior Spontaneous or Induced Abortions. <i>American Journal of Perinatology</i> , 2014, 31, 765-772.	1.4	39
44	Induction of PGF2 β Synthesis by Cortisol Through GR Dependent Induction of CBR1 in Human Amnion Fibroblasts. <i>Endocrinology</i> , 2014, 155, 3017-3024.	2.8	27
45	Effect of Preeclampsia on Placental Function: Influence of Sexual Dimorphism, microRNAs and Mitochondria. <i>Advances in Experimental Medicine and Biology</i> , 2014, 814, 133-146.	1.6	48
46	Strategy for Standardization of Preeclampsia Research Study Design. <i>Hypertension</i> , 2014, 63, 1293-1301.	2.7	155
47	Impaired mitochondrial function in human placenta with increased maternal adiposity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E419-E425.	3.5	129
48	Epigenetics of Human Myometrium: DNA Methylation of Genes Encoding Contraction-Associated Proteins in Term and Preterm Labor. <i>Biology of Reproduction</i> , 2014, 90, 98.	2.7	31
49	A Standardized Template for Clinical Studies in Preterm Birth. <i>Reproductive Sciences</i> , 2012, 19, 474-482.	2.5	26
50	First-Trimester Prediction of Preeclampsia in Nulliparous Women at Low Risk. <i>Obstetrics and Gynecology</i> , 2012, 119, 1234-1242.	2.4	172
51	Role of fetal membranes in signaling of fetal maturation and parturition. <i>International Journal of Developmental Biology</i> , 2010, 54, 545-553.	0.6	62
52	Vitamins C and E to Prevent Complications of Pregnancy-Associated Hypertension. <i>New England Journal of Medicine</i> , 2010, 362, 1282-1291.	27.0	344
53	Induction of G β s Contributes to the Paradoxical Stimulation of Cytosolic Phospholipase A2 β Expression by Cortisol in Human Amnion Fibroblasts. <i>Molecular Endocrinology</i> , 2010, 24, 1052-1061.	3.7	18
54	Role of glucocorticoid receptor and CCAAT/enhancer-binding protein β in the feed-forward induction of 11 β -hydroxysteroid dehydrogenase type 1 expression by cortisol in human amnion fibroblasts. <i>Journal of Endocrinology</i> , 2007, 195, 241-253.	2.6	63

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55	Placental adaptive responses and fetal programming. <i>Journal of Physiology</i> , 2006, 572, 25-30.	2.9	428
56	Oxidative stress in the placenta. <i>Histochemistry and Cell Biology</i> , 2004, 122, 369-382.	1.7	664
57	Expression, localization and function of prostaglandin receptors in myometrium. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2004, 70, 137-148.	2.2	63
58	Glucocorticoids Induce Cytosolic Phospholipase A2 and Prostaglandin H Synthase Type 2 But Not Microsomal Prostaglandin E Synthase (PGES) and Cytosolic PGES Expression in Cultured Primary Human Amnion Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 5564-5571.	3.6	74
59	Enhancement of Glucocorticoid-Induced 11 β -Hydroxysteroid Dehydrogenase Type 1 Expression by Proinflammatory Cytokines in Cultured Human Amnion Fibroblasts. <i>Endocrinology</i> , 2003, 144, 5568-5577.	2.8	88
60	Role of Placenta in Preeclampsia. <i>Endocrine</i> , 2002, 19, 103-112.	2.2	238
61	Heme oxygenase expression in human placenta and placental bed: reduced expression of placenta endothelial HO α 2 in preeclampsia and fetal growth restriction. <i>FASEB Journal</i> , 2001, 15, 1158-1168.	0.5	109
62	Prostaglandin F2 α Potentiates Cortisol Production by Stimulating 11 β -Hydroxysteroid Dehydrogenase 1: A Novel Feedback Loop That May Contribute to Human Labor. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 5585-5592.	3.6	53
63	Hemeoxygenase expression in human placenta and placental bed implies a role in regulation of trophoblast invasion and placental function. <i>FASEB Journal</i> , 2000, 14, 208-219.	0.5	133
64	Role of peroxynitrite in altered fetal-placental vascular reactivity in diabetes or preeclampsia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 278, H1311-H1319.	3.2	127
65	Prediction of preeclampsia. <i>Seminars in Perinatology</i> , 1999, 23, 45-57.	2.5	139
66	Human Retinal Vascular Cells Differ from Umbilical Cells in Synthetic Functions and Their Response to Glucose. <i>Experimental Biology and Medicine</i> , 1992, 199, 183-191.	2.4	31