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List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,190
citations

331670

21
h-index

302126

39
g-index

55
all docs

55
docs citations

55
times ranked

2716
citing authors

#	ARTICLE	IF	CITATIONS
1	RETIRED: Diagnosis, Evaluation, and Management of the Hypertensive Disorders of Pregnancy. Journal of Obstetrics and Gynaecology Canada, 2008, 30, S1-S2.	0.7	372
2	Uric Acid as a Pathogenic Factor in Preeclampsia. Placenta, 2008, 29, 67-72.	1.5	201
3	Unsupervised Placental Gene Expression Profiling Identifies Clinically Relevant Subclasses of Human Preeclampsia. Hypertension, 2016, 68, 137-147.	2.7	187
4	Endothelial Nitric Oxide Synthase Deficiency Reduces Uterine Blood Flow, Spiral Artery Elongation, and Placental Oxygenation in Pregnant Mice. Hypertension, 2012, 60, 231-238.	2.7	125
5	Oocyte donation pregnancies and the risk of preeclampsia or gestational hypertension: a systematic review and metaanalysis. American Journal of Obstetrics and Gynecology, 2016, 214, 328-339.	1.3	115
6	Large Scale Aggregate Microarray Analysis Reveals Three Distinct Molecular Subclasses of Human Preeclampsia. PLoS ONE, 2015, 10, e0116508.	2.5	111
7	Direct placental effects of cigarette smoke protect women from pre-eclampsia: the specific roles of carbon monoxide and antioxidant systems in the placenta. Medical Hypotheses, 2005, 64, 17-27.	1.5	82
8	HO in pregnancy. Free Radical Biology and Medicine, 2005, 38, 979-988.	2.9	76
9	The clinical heterogeneity of preeclampsia is related to both placental gene expression and placental histopathology. American Journal of Obstetrics and Gynecology, 2018, 219, 604.e1-604.e25.	1.3	76
10	A crucial role for maternal dietary methyl donor intake in epigenetic programming and fetal growth outcomes. Nutrition Reviews, 2018, 76, 469-478.	5.8	75
11	Endothelial NO Synthase Augments Fetoplacental Blood Flow, Placental Vascularization, and Fetal Growth in Mice. Hypertension, 2013, 61, 259-266.	2.7	73
12	Epigenetic regulation of placental gene expression in transcriptional subtypes of preeclampsia. Clinical Epigenetics, 2018, 10, 28.	4.1	63
13	Effects of Reduced <i>Gcm1</i> Expression on Trophoblast Morphology, Fetoplacental Vascularity, and Pregnancy Outcomes in Mice. Hypertension, 2012, 59, 732-739.	2.7	61
14	Carbon Monoxide Inhibits Hypoxia/Reoxygenation-Induced Apoptosis and Secondary Necrosis in Syncytiotrophoblast. American Journal of Pathology, 2006, 169, 774-783.	3.8	60
15	Uric acid attenuates trophoblast invasion and integration into endothelial cell monolayers. American Journal of Physiology - Cell Physiology, 2009, 297, C440-C450.	4.6	60
16	Carbon Monoxide Decreases Perfusion Pressure in Isolated Human Placenta. Placenta, 2002, 23, 563-569.	1.5	58
17	Human Placental Adenosine Receptor Expression is Elevated in Preeclampsia and Hypoxia Increases Expression of the A2A Receptor. Placenta, 2009, 30, 434-442.	1.5	47
18	Uric Acid Inhibits Placental System A Amino Acid Uptake. Placenta, 2009, 30, 195-200.	1.5	46

#	ARTICLE	IF	CITATIONS
19	Placental transcriptional and histologic subtypes of normotensive fetal growth restriction are comparable to Preeclampsia. American Journal of Obstetrics and Gynecology, 2019, 220, 110.e1-110.e21.	1.3	40
20	Significance of IGFBP-4 in the Development of Fetal Growth Restriction. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1429-E1439.	3.6	37
21	Effect of folic acid on human trophoblast health and function in vitro. Placenta, 2016, 37, 7-15.	1.5	30
22	A synoptic framework and future directions for placental pathology reporting. Placenta, 2019, 77, 46-57.	1.5	23
23	Gene markers of normal villous maturation and their expression in placentas with maturational pathology. Placenta, 2017, 58, 52-59.	1.5	22
24	Glyceryl Trinitrate Inhibits Hypoxia/Reoxygenation-Induced Apoptosis in the Syncytiotrophoblast of the Human Placenta. American Journal of Pathology, 2007, 170, 909-920.	3.8	18
25	The effect of nicotine on in vitro placental perfusion pressure. Canadian Journal of Physiology and Pharmacology, 2006, 84, 953-957.	1.4	17
26	Increased Xanthine Oxidase in the Skin of Preeclamptic Women. Reproductive Sciences, 2009, 16, 468-478.	2.5	17
27	Andr�e Gruslin award lecture: Metabolomics as an important modality to better understand preeclampsia. Placenta, 2017, 60, S32-S40.	1.5	14
28	Layer-Enriched Tissue Dissection of the Mouse Placenta in Late Gestation. , 2014, , 529-535.		13
29	Automated segmentation of villi in histopathology images of placenta. Computers in Biology and Medicine, 2019, 113, 103420.	7.0	13
30	A role for maternally derived myokines to optimize placental function and fetal growth across gestation. Applied Physiology, Nutrition and Metabolism, 2017, 42, 459-469.	1.9	12
31	Maternal and Cord Blood Metabolite Associations with Gestational Weight Gain and Pregnancy Health Outcomes. Journal of Proteome Research, 2021, 20, 1630-1638.	3.7	9
32	Placenta pathology in recipient versus donor oocyte derivation for in vitro fertilization in a setting of hypertensive disorders of pregnancy and IUGR. Placenta, 2021, 108, 114-121.	1.5	7
33	Fibrinogen-Like Protein 2-Associated Transcriptional and Histopathological Features of Immunological Preeclampsia. Hypertension, 2020, 76, 910-921.	2.7	6
34	<i>Vaccinium angustifolium</i> (lowbush blueberry) leaf extract increases extravillous trophoblast cell migration and invasion in vitro. Phytotherapy Research, 2018, 32, 705-714.	5.8	5
35	Placental Pathology as a Tool to Identify Women for Postpartum Cardiovascular Risk Screening following Preeclampsia: A Preliminary Investigation. Journal of Clinical Medicine, 2022, 11, 1576.	2.4	4
36	Automatic Placental Distal Villous Hypoplasia Scoring using a Deep Convolutional Neural Network Regression Model. , 2022, , .		4

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37	Placental Subtypes of Fetal Growth Restriction. <i>Placenta</i> , 2017, 57, 248.	1.5	2
38	Epigenetic regulation of placental gene expression in transcriptional subclasses of preeclampsia. <i>Placenta</i> , 2016, 45, 122-123.	1.5	1
39	A role for SIRT1 in the regulation of placental cell invasion. <i>Placenta</i> , 2014, 35, A66.	1.5	0
40	Large cohort microarray analysis reveals multiple distinct subclasses of preeclampsia. <i>Placenta</i> , 2014, 35, A9.	1.5	0
41	Biomarker candidates for the identification of distinct molecular subclasses of preeclampsia. <i>Placenta</i> , 2014, 35, A80-A81.	1.5	0
42	An integrated transcriptional, epigenetic, and clinical analysis of preeclamptic placentas. <i>Placenta</i> , 2015, 36, A7.	1.5	0
43	Oocyte Donation Pregnancies and the Risk of Preeclampsia or Gestational Hypertension. <i>Obstetrical and Gynecological Survey</i> , 2016, 71, 410.	0.4	0
44	Can placental pathology identify women at high risk of cardiovascular disease following preeclampsia?. <i>Placenta</i> , 2016, 45, 119.	1.5	0
45	Validation of an efficient method for applying stereology to clinical pathology practice. <i>Placenta</i> , 2017, 57, 285.	1.5	0
46	Molecular and Histological Concordance and Discordance of Placental Pathology in Transcriptional Subtypes of Preeclampsia. <i>Placenta</i> , 2017, 57, 319.	1.5	0
47	Placental morphology and the prediction of underlying cardiovascular risk factors. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2021, 263, 56-61.	1.1	0