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List of Publications by Year
in descending order

Version: 2024-02-01

77 papers	2,196 citations	279798 23 h-index	265206 42 g-index
222 all docs	222 docs citations	222 times ranked	3168 citing authors

#	Article	IF	Citations
1	Endometrial Decidualization: The Primary Driver of Pregnancy Health. International Journal of Molecular Sciences, 2020, 21, 4092.	4.1	151
2	Three Types of Functional Regulatory T Cells Control T Cell Responses at the Human Maternal-Fetal Interface. Cell Reports, 2019, 27, 2537-2547.e5.	6.4	133
3	Mixed signature of activation and dysfunction allows human decidual CD8 ⁺ T cells to provide both tolerance and immunity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 385-390.	7.1	126
4	SP and IL-33 together markedly enhance TNF synthesis and secretion from human mast cells mediated by the interaction of their receptors. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4002-E4009.	7.1	108
5	Molecular Regulation of Parturition: The Role of the Decidual Clock. Cold Spring Harbor Perspectives in Medicine, 2015, 5, a023143.	6.2	96
6	Point-of-care viscoelastic testing improves the outcome of pregnancies complicated by severe postpartum hemorrhage. Journal of Clinical Anesthesia, 2018, 44, 50-56.	1.6	91
7	Impact of Systemic Inflammation on the Progression of Gestational Diabetes Mellitus. Current Diabetes Reports, 2016, 16, 26.	4.2	87
8	The Impact of Iron Overload and Ferroptosis on Reproductive Disorders in Humans: Implications for Preeclampsia. International Journal of Molecular Sciences, 2019, 20, 3283.	4.1	87
9	Noninvasive prenatal testing: the future is now. Reviews in Obstetrics and Gynecology, 2013, 6, 48-62.	0.7	84
10	Substance P and IL-33 administered together stimulate a marked secretion of IL-1Î² from human mast cells, inhibited by methoxyluteolin. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9381-E9390.	7.1	73
11	Endometriosis: The Role of Iron Overload and Ferroptosis. Reproductive Sciences, 2020, 27, 1383-1390.	2.5	72
12	Recommended preâ€test counseling points for noninvasive prenatal testing using cellâ€free DNA: a 2015 perspective. Prenatal Diagnosis, 2015, 35, 968-971.	2.3	70
13	Non-alcoholic fatty liver disease in the first trimester and subsequent development of gestational diabetes mellitus. Diabetologia, 2019, 62, 238-248.	6.3	65
14	Circulating transcripts in maternal blood reflect a molecular signature of early-onset preeclampsia. Science Translational Medicine, 2020, 12, .	12.4	47
15	Gene-Centric Analysis of Preeclampsia Identifies Maternal Association at PLEKHG1. Hypertension, 2018, 72, 408-416.	2.7	46
16	Human Term Pregnancy Decidual NK Cells Generate Distinct Cytotoxic Responses. Journal of Immunology, 2020, 204, 3149-3159.	0.8	43
17	Three types of HLA-G+ extravillous trophoblasts that have distinct immune regulatory properties. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15772-15777.	7.1	41
18	The Influence of Oral Dydrogesterone and Vaginal Progesterone on Threatened Abortion: A Systematic Review and Meta-Analysis. BioMed Research International, 2017, 2017, 1-10.	1.9	40

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19	Aortic Stiffness and Cardiovascular Risk in Women with Previous Gestational Diabetes Mellitus. PLoS ONE, 2015, 10, e0136892.	2.5	37
20	The role of doppler waveforms in the fetal main pulmonary artery in the prediction of neonatal respiratory distress syndrome. Journal of Clinical Ultrasound, 2015, 43, 375-383.	0.8	31
21	Human Parturition: Nothing More Than a Delayed Menstruation. Reproductive Sciences, 2018, 25, 166-173.	2.5	29
22	In Vivo and In Vitro Evidence for Placental DNA Damage in Preeclampsia. PLoS ONE, 2014, 9, e86791.	2.5	28
23	Nonalcoholic fatty liver disease is a risk factor for large-for-gestational-age birthweight. PLoS ONE, 2019, 14, e0221400.	2.5	28
24	Ultrasonographic Characteristics of Cortical Sulcus Development in the Human Fetus between 18 and 41 Weeks of Gestation. Chinese Medical Journal, 2017, 130, 920-928.	2.3	24
25	Identification of Proteomic Biomarkers in Maternal Plasma in the Early Second Trimester That Predict the Subsequent Development of Gestational Diabetes. Reproductive Sciences, 2012, 19, 202-209.	2.5	23
26	Low circulating pentraxin 3 levels in pregnancy is associated with gestational diabetes and increased apoB/apoA ratio: a 5-year follow-up study. Cardiovascular Diabetology, 2016, 15, 23.	6.8	23
27	Expression changes of proteins associated with the development of preeclampsia in maternal plasma: A caseâ€control study. Proteomics, 2016, 16, 1581-1589.	2.2	22
28	Increased biosynthesis and accumulation of cholesterol in maternal plasma, but not amniotic fluid in pre-eclampsia. Scientific Reports, 2019, 9, 1550.	3.3	22
29	Prediction of Gestational Diabetes Mellitus and Pre-diabetes 5 Years Postpartum using 75â€‰g Oral Glucose Tolerance Test at 14â€“16 Weeksâ€™ Gestation. Scientific Reports, 2018, 8, 13392.	3.3	20
30	Biocompatibility of a Sonicated Silk Gel for Cervical Injection During Pregnancy: In Vivo and In Vitro Study. Reproductive Sciences, 2014, 21, 1266-1273.	2.5	19
31	Risk of preâ€eclampsia in patients with a maternal genetic predisposition to common medical conditions: a caseâ€“control study. BJOG: an International Journal of Obstetrics and Gynaecology, 2021, 128, 55-65.	2.3	19
32	Clustering of monozygotic twinning in IVF. Journal of Assisted Reproduction and Genetics, 2016, 33, 19-26.	2.5	18
33	Metabolomic biomarkers in midtrimester maternal plasma can accurately predict the development of preeclampsia. Scientific Reports, 2020, 10, 16142.	3.3	18
34	Congenital abnormalities of the aortic arch: revisiting the 1964 Stewart classification. Cardiovascular Pathology, 2019, 39, 38-50.	1.6	17
35	Gene expression in term placentas is regulated more by spinal or epidural anesthesia than by late-onset preeclampsia or gestational diabetes mellitus. Scientific Reports, 2016, 6, 29715.	3.3	15
36	The risk of pregnancyâ€associated hypertension in women with nonalcoholic fatty liver disease. Liver International, 2020, 40, 2417-2426.	3.9	15

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37	Effect of preeclampsia on umbilical cord blood stem cells in relation to breast cancer susceptibility in the offspring. Carcinogenesis, 2015, 36, 94-98.	2.8	12
38	Metabolic Biomarkers In Midtrimester Maternal Plasma Can Accurately Predict Adverse Pregnancy Outcome in Patients with SLE. Scientific Reports, 2019, 9, 15169.	3.3	12
39	Progesterone Inhibits Apoptosis in Fetal Membranes by Altering Expression of Both Pro- and Antiapoptotic Proteins. Reproductive Sciences, 2018, 25, 1161-1167.	2.5	11
40	Metabolic Dysfunction-Associated Fatty Liver Disease and Subsequent Development of Adverse Pregnancy Outcomes. Clinical Gastroenterology and Hepatology, 2022, 20, 2542-2550.e8.	4.4	11
41	Maternal hyperglycemia and the 100-g oral glucose tolerance test. Taiwanese Journal of Obstetrics and Gynecology, 2015, 54, 137-142.	1.3	9
42	A Comparison of Predictive Performances between Old versus New Criteria in a Risk-Based Screening Strategy for Gestational Diabetes Mellitus. Diabetes and Metabolism Journal, 2020, 44, 726-736.	4.7	9
43	Nonalcoholic fatty liver disease and early prediction of gestational diabetes mellitus using machine learning methods. Clinical and Molecular Hepatology, 2022, 28, 105-116.	8.9	9
44	Screening Preeclamptic Cord Plasma for Proteins Associated with Decreased Breast Cancer Susceptibility. Genomics, Proteomics and Bioinformatics, 2013, 11, 335-344.	6.9	7
45	Relationship between threatened miscarriage and gestational diabetes mellitus. BMC Pregnancy and Childbirth, 2018, 18, 318.	2.4	7
46	Reengineering academic departments of obstetricsÂand gynecology to operate in a pandemic world and beyond: a joint American Gynecological and Obstetrical Society and Council of University Chairs of Obstetrics and Gynecology statement. American Journal of Obstetrics and Gynecology, 2020, 223, 383.e1-383.e7.	1.3	7
47	Urine Protein/Creatinine Ratios during Labor: A Prospective Observational Study. PLoS ONE, 2016, 11, e0160453.	2.5	7
48	Management of severe preeclampsia. , 0, , 125-140.		6
49	Timing of Histologic Progression from Chorio-Deciduitis to Chorio-Deciduo-Amnionitis in the Setting of Preterm Labor and Preterm Premature Rupture of Membranes with Sterile Amniotic Fluid. PLoS ONE, 2015, 10, e0143023.	2.5	6
50	Magnesium sulfate differentially modulates fetal membrane inflammation in a timeâ€dependent manner. American Journal of Reproductive Immunology, 2018, 80, e12861.	1.2	6
51	The Effect of Maternal Obesity on Placental Cell-Free DNA Release in a Mouse Model. Reproductive Sciences, 2019, 26, 1218-1224.	2.5	6
52	Presenting Twins Are Exposed to Higher Levels of Inflammatory Mediators than Nonpresenting Twins as Early as the Midtrimester of Pregnancy. PLoS ONE, 2015, 10, e0125346.	2.5	6
53	Levels of Adipokines in Amniotic Fluid and Cord Blood Collected from Dichorionic-Diamniotic Twins Discordant for Fetal Growth. PLoS ONE, 2016, 11, e0154537.	2.5	5
54	Risk of intra-amniotic infection/inflammation and respiratory distress syndrome according to the birth order in twin preterm neonates. Journal of Maternal-Fetal and Neonatal Medicine, 2020, 33, 1566-1571.	1.5	4

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55	Double trouble? Clinic-specific risk factors for monozygotic twinning. Fertility and Sterility, 2020, 114, 587-594.	1.0	4
56	Dynamics of Base Excision Repair at the Maternalâ€“Fetal Interface in Pregnancies Complicated by Preeclampsia. Reproductive Sciences, 2017, 24, 856-864.	2.5	3
57	Impact of Progesterone on Molecular Mechanisms of Preterm Premature Rupture of Membranes. Reproductive Sciences, 2021, 28, 3137-3146.	2.5	3
58	The pathophysiology of hypertension in pregnancy. , 2010, , 19-34.		2
59	Maternal dyslipidemia and altered cholesterol metabolism in early pregnancy as a risk factor for small for gestational age neonates. Scientific Reports, 2021, 11, 21066.	3.3	2
60	The Amniotic Fluid Proteome Differs Significantly between Donor and Recipient Fetuses in Pregnancies Complicated by Twin-to-Twin Transfusion Syndrome. Journal of Korean Medical Science, 2020, 35, e73.	2.5	2
61	Comparative Immunohistochemistry of Placental Corticotropin-Releasing Hormone and the Transcription Factor RelB-NFÎºB2 Between Humans and Nonhuman Primates. Comparative Medicine, 2015, 65, 140-3.	1.0	2
62	Management of eclampsia. , 0, , 141-158.		1
63	Screening for hypertensive disorders of pregnancy. , 0, , 45-62.		1
64	Management of isolated hypertension in pregnancy. , 2010, , 79-96.		1
65	Adaptations of maternal cardiovascular and renal physiology to pregnancy. , 2010, , 1-18.		1
66	Classification and diagnosis of hypertension in pregnancy. , 0, , 35-44.		1
67	Current Understanding of Medication Use in Pregnancy/Lactation and Neonates: What Are the Key Knowledge Gaps?. Clinics in Perinatology, 2019, 46, xvii-xviii.	2.1	1
68	Prevention of early-term deliveries: much ado about nothing?. Reviews in Obstetrics and Gynecology, 2013, 6, 43-5.	0.7	1
69	Secondary hypertension in pregnancy. , 0, , 97-108.		0
70	Preexisting hypertension in pregnancy. , 0, , 63-78.		0
71	Identification, diagnosis, and management of suspected preeclampsia. , 0, , 109-124.		0
72	Anesthesia in preeclampsia. , 0, , 159-174.		0

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73	Long-term significance following hypertension in pregnancy. , 0, , 175-184.		0
74	Oligohydramnios1. , 2016, , 124-126.		0
75	Normal Mechanisms in Labour. , 2018, , 283-306.		0
76	Reply. American Journal of Obstetrics and Gynecology, 2021, 224, 130-131.	1.3	0
77	Dining at the health care buffet. Reviews in Obstetrics and Gynecology, 2013, 6, 103-4.	0.7	0