Chaur-Dong Hsu

List of Publications by Year
in descending order

55	2,254	218677	243625
papers	citations	26 h-index	44 g-index

57	57	57	2247
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Does the human placenta express the canonical cell entry mediators for SARS-CoV-2?. ELife, 2020, 9, .	6.0	222
2	The frequency and type of placental histologic lesions in term pregnancies with normal outcome. Journal of Perinatal Medicine, 2018, 46, 613-630.	1.4	135
3	Evidence that intra-amniotic infections are often the result of an ascending invasion â€“ a molecular microbiological study. Journal of Perinatal Medicine, 2019, 47, 915-931.	1.4	125
4	Effector and Activated T Cells Induce Preterm Labor and Birth That Is Prevented by Treatment with Progesterone. Journal of Immunology, 2019, 202, 2585-2608.	0.8	120
5	Maternal-fetal immune responses in pregnant women infected with SARS-CoV-2. Nature Communications, 2022, 13, 320.	12.8	117
6	The fetal inflammatory response syndrome: the origins of a concept, pathophysiology, diagnosis, and obstetrical implications. Seminars in Fetal and Neonatal Medicine, 2020, 25, 101146.	2.3	113
7	Does the endometrial cavity have a molecular microbial signature?. Scientific Reports, 2019, 9, 9905.	3.3	111
8	Inhibition of the NLRP3 inflammasome can prevent sterile intra-amniotic inflammation, preterm labor/birth, and adverse neonatal outcomesâ€. Biology of Reproduction, 2019, 100, 1306-1318.	2.7	79
9	The immunophenotype of amniotic fluid leukocytes in normal and complicated pregnancies. American Journal of Reproductive Immunology, 2018, 79, e12827.	1.2	75
10	Inflammasome activation during spontaneous preterm labor with intraâ€amniotic infection or sterile intraâ€amniotic inflammation. American Journal of Reproductive Immunology, 2018, 80, e13049.	1.2	73
11	Regulatory T Cells Play a Role in a Subset of Idiopathic Preterm Labor/Birth and Adverse Neonatal Outcomes. Cell Reports, 2020, 32, 107874.	6.4	71
12	Intra-Amniotic Infection with Ureaplasma parvum Causes Preterm Birth and Neonatal Mortality That Are Prevented by Treatment with Clarithromycin. MBio, 2020, 11, .	4.1	51
13	Crowdsourcing assessment of maternal blood multi-omics for predicting gestational age and preterm birth. Cell Reports Medicine, 2021, 2, 100323.	6.5	47
14	Targeted expression profiling by RNA-Seq improves detection of cellular dynamics during pregnancy and identifies a role for T cells in term parturition. Scientific Reports, 2019, 9, 848.	3.3	46
15	The origin of amniotic fluid monocytes/macrophages in women with intra-amniotic inflammation or infection. Journal of Perinatal Medicine, 2019, 47, 822-840.	1.4	44
16	Clinical chorioamnionitis at term IX: in vivo evidence of intra-amniotic inflammasome activation. Journal of Perinatal Medicine, 2019, 47, 276-287.	1.4	44
17	Cellular immune responses in amniotic fluid of women with preterm labor and intraâ€amniotic infection or intraâ€amniotic inflammation. American Journal of Reproductive Immunology, 2019, 82, e13171.	1.2	43
18	Human Î²â€defensinâ€1: A natural antimicrobial peptide present in amniotic fluid that is increased in spontaneous preterm labor with intraâ€amniotic infection. American Journal of Reproductive Immunology, 2018, 80, e13031.	1.2	39

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19	Cellular immune responses in amniotic fluid of women with preterm prelabor rupture of membranes. Journal of Perinatal Medicine, 2020, 48, 222-233.	1.4	39
20	ELABELA plasma concentrations are increased in women with late-onset preeclampsia. Journal of Maternal-Fetal and Neonatal Medicine, 2020, 33, 5-15.	1.5	37
21	Maternal whole blood mRNA signatures identify women at risk of early preeclampsia: a longitudinal study. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 3463-3474.	1.5	36
22	A single-cell atlas of the myometrium in human parturition. JCI Insight, 2022, 7, .	5.0	35
23	Gasdermin D: Evidence of pyroptosis in spontaneous preterm labor with sterile intraâ€amniotic inflammation or intraâ€amniotic infection. American Journal of Reproductive Immunology, 2019, 82, e13184.	1.2	33
24	Personalized assessment of cervical length improves prediction of spontaneous preterm birth: a standard and a percentile calculator. American Journal of Obstetrics and Gynecology, 2021, 224, 288.e1-288.e17.	1.3	32
25	Microbial burden and inflammasome activation in amniotic fluid of patients with preterm prelabor rupture of membranes. Journal of Perinatal Medicine, 2020, 48, 115-131.	1.4	31
26	In vivoevidence of inflammasome activation during spontaneous labor at term. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 1978-1991.	1.5	30
27	Cellular immune responses in amniotic fluid of women with preterm clinical chorioamnionitis. Inflammation Research, 2020, 69, 203-216.	4.0	30
28	Reduction and sustainability of cesarean section surgical site infection: An evidence-based, innovative, and multidisciplinary quality improvement intervention bundle program. American Journal of Infection Control, 2016, 44, 1315-1320.	2.3	27
29	Clinical chorioamnionitis at term X: microbiology, clinical signs, placental pathology, and neonatal bacteremia â€“ implications for clinical care. Journal of Perinatal Medicine, 2021, 49, 275-298.	1.4	27
30	Amniotic fluid cell-free transcriptome: a glimpse into fetal development and placental cellular dynamics during normal pregnancy. BMC Medical Genomics, 2020, 13, 25.	1.5	25
31	RNA Sequencing Reveals Distinct Immune Responses in the Chorioamniotic Membranes of Women with Preterm Labor and Microbial or Sterile Intra-amniotic Inflammation. Infection and Immunity, 2021, 89, .	2.2	24
32	Human Î²-defensin-3 participates in intra-amniotic host defense in women with labor at term, spontaneous preterm labor and intact membranes, and preterm prelabor rupture of membranes. Journal of Maternal-Fetal and Neonatal Medicine, 2020, 33, 4117-4132.	1.5	23
33	Prenatal Maternal Stress Causes Preterm Birth and Affects Neonatal Adaptive Immunity in Mice. Frontiers in Immunology, 2020, 11, 254.	4.8	22
34	Disorders of placental villous maturation in fetal death. Journal of Perinatal Medicine, 2020, .	1.4	22
35	Mechanisms of death in structurally normal stillbirths. Journal of Perinatal Medicine, 2019, 47, 222-240.	1.4	20
36	Vaginal host immune-microbiome interactions in a cohort of primarily African-American women who ultimately underwent spontaneous preterm birth or delivered at term. Cytokine, 2021, 137, 155316.	3.2	19

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37	The diagnostic performance of the beta-glucan assay in the detection of intra-amniotic infection with Candida species. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 1703-1720.	1.5	18
38	Prediction of preeclampsia throughout gestation with maternal characteristics and biophysical and biochemical markers: a longitudinal study. American Journal of Obstetrics and Gynecology, 2022, 226, 126.e1-126.e22.	1.3	18
39	The immunophenotype of decidual macrophages in acute atherosis. American Journal of Reproductive Immunology, 2019, 81, e13098.	1.2	16
40	Resolution of acute cervical insufficiency after antibiotics in a case with amniotic fluid sludge. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 5416-5426.	1.5	16
41	Maternal circulating concentrations of soluble Fas and Elabela in early- and late-onset preeclampsia. Journal of Maternal-Fetal and Neonatal Medicine, 2020, , 1-14.	1.5	14
42	Placental delayed villous maturation is associated with evidence of chronic fetal hypoxia. Journal of Perinatal Medicine, 2020, 48, 516-518.	1.4	13
43	HSP70: an alarmin that does not induce high rates of preterm birth but does cause adverse neonatal outcomes. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 4110-4118.	1.5	12
44	Nonovert disseminated intravascular coagulation (DIC) in pregnancy: a new scoring system for the identification of patients at risk for obstetrical hemorrhage requiring blood product transfusion. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 242-257.	1.5	12
45	The amniotic fluid cell-free transcriptome in spontaneous preterm labor. Scientific Reports, 2021, 11, 13481.	3.3	11
46	Cellular immune responses in amniotic fluid of women with a sonographic short cervix. Journal of Perinatal Medicine, 2020, 48, 665-676.	1.4	9
47	Gasdermin D:in vivoevidence of pyroptosis in spontaneous labor at term. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 569-579.	1.5	8
48	Methods for Monitoring Risk of Hypoxic Damage in Fetal and Neonatal Brains: A Review. Fetal Diagnosis and Therapy, 2022, 49, 1-24.	1.4	8
49	Pregnancy-specific transcriptional changes upon endotoxin exposure in mice. Journal of Perinatal Medicine, 2020, 48, 700-722.	1.4	7
50	Cervical insufficiency, amniotic fluid sludge, intra-amniotic infection, and maternal bacteremia: the need for a point-of-care test to assess inflammation and bacteria in amniotic fluid. Journal of Maternal-Fetal and Neonatal Medicine, 2020, , 1-7.	1.5	4
51	Endocavity ultrasound and photoacoustic system for fetal and maternal imaging: design, implementation, and ex-vivo validation. Journal of Medical Imaging, 2021, 8, 066001.	1.5	4
52	The utility of systemic inflammatory response syndrome (SIRS) for diagnosing sepsis in the immediate postpartum period. Journal of Infection and Public Health, 2019, 12, 799-802.	4.1	3
53	The role of noninvasive diagnostic imaging in monitoring pregnancy and detecting patients at risk for preterm birth: a review of quantitative approaches. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 568-591.	1.5	3
54	Study protocol to quantify the genetic architecture of sonographic cervical length and its relationship to spontaneous preterm birth. BMJ Open, 2022, 12, e053631.	1.9	3

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55	Hypervolemic Hyponatremia as a Reversible Cause of Cardiopulmonary Arrest in a Postpartum Patient with Preeclampsia. Case Reports in Obstetrics and Gynecology, 2021, 2021, 1-3.	0.3	1