

Chaur-Dong Hsu

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,254
citations

218381

26
h-index

243296

44
g-index

57
all docs

57
docs citations

57
times ranked

2247
citing authors

#	ARTICLE	IF	CITATIONS
1	Does the human placenta express the canonical cell entry mediators for SARS-CoV-2?. <i>ELife</i> , 2020, 9, .	2.8	222
2	The frequency and type of placental histologic lesions in term pregnancies with normal outcome. <i>Journal of Perinatal Medicine</i> , 2018, 46, 613-630.	0.6	135
3	Evidence that intra-amniotic infections are often the result of an ascending invasion – a molecular microbiological study. <i>Journal of Perinatal Medicine</i> , 2019, 47, 915-931.	0.6	125
4	Effector and Activated T Cells Induce Preterm Labor and Birth That Is Prevented by Treatment with Progesterone. <i>Journal of Immunology</i> , 2019, 202, 2585-2608.	0.4	120
5	Maternal-fetal immune responses in pregnant women infected with SARS-CoV-2. <i>Nature Communications</i> , 2022, 13, 320.	5.8	117
6	The fetal inflammatory response syndrome: the origins of a concept, pathophysiology, diagnosis, and obstetrical implications. <i>Seminars in Fetal and Neonatal Medicine</i> , 2020, 25, 101146.	1.1	113
7	Does the endometrial cavity have a molecular microbial signature?. <i>Scientific Reports</i> , 2019, 9, 9905.	1.6	111
8	Inhibition of the NLRP3 inflammasome can prevent sterile intra-amniotic inflammation, preterm labor/birth, and adverse neonatal outcomes. <i>Biology of Reproduction</i> , 2019, 100, 1306-1318.	1.2	79
9	The immunophenotype of amniotic fluid leukocytes in normal and complicated pregnancies. <i>American Journal of Reproductive Immunology</i> , 2018, 79, e12827.	1.2	75
10	Inflammasome activation during spontaneous preterm labor with intra-amniotic infection or sterile intra-amniotic inflammation. <i>American Journal of Reproductive Immunology</i> , 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. <i>Cell Reports</i> , 2020, 32, 107874.	2.9	71
12	Intra-Amniotic Infection with <i>Ureaplasma parvum</i> Causes Preterm Birth and Neonatal Mortality That Are Prevented by Treatment with Clarithromycin. <i>MBio</i> , 2020, 11, .	1.8	51
13	Crowdsourcing assessment of maternal blood multi-omics for predicting gestational age and preterm birth. <i>Cell Reports Medicine</i> , 2021, 2, 100323.	3.3	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. <i>Scientific Reports</i> , 2019, 9, 848.	1.6	46
15	The origin of amniotic fluid monocytes/macrophages in women with intra-amniotic inflammation or infection. <i>Journal of Perinatal Medicine</i> , 2019, 47, 822-840.	0.6	44
16	Clinical chorioamnionitis at term IX: <i>in vivo</i> evidence of intra-amniotic inflammasome activation. <i>Journal of Perinatal Medicine</i> , 2019, 47, 276-287.	0.6	44
17	Cellular immune responses in amniotic fluid of women with preterm labor and intra-amniotic infection or intra-amniotic inflammation. <i>American Journal of Reproductive Immunology</i> , 2019, 82, e13171.	1.2	43
18	Human α -defensin-1: A natural antimicrobial peptide present in amniotic fluid that is increased in spontaneous preterm labor with intra-amniotic infection. <i>American Journal of Reproductive Immunology</i> , 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. <i>Journal of Perinatal Medicine</i> , 2020, 48, 222-233.	0.6	39
20	ELABELA plasma concentrations are increased in women with late-onset preeclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 5-15.	0.7	37
21	Maternal whole blood mRNA signatures identify women at risk of early preeclampsia: a longitudinal study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 3463-3474.	0.7	36
22	A single-cell atlas of the myometrium in human parturition. <i>JCI Insight</i> , 2022, 7, .	2.3	35
23	Gasdermin D: Evidence of pyroptosis in spontaneous preterm labor with sterile intra-amniotic inflammation or intra-amniotic infection. <i>American Journal of Reproductive Immunology</i> , 2019, 82, e13184.	1.2	33
24	Personalized assessment of cervical length improves prediction of spontaneous preterm birth: a standard and a percentile calculator. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 288.e1-288.e17.	0.7	32
25	Microbial burden and inflammasome activation in amniotic fluid of patients with preterm prelabor rupture of membranes. <i>Journal of Perinatal Medicine</i> , 2020, 48, 115-131.	0.6	31
26	<i>In vivo</i> evidence of inflammasome activation during spontaneous labor at term. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 1978-1991.	0.7	30
27	Cellular immune responses in amniotic fluid of women with preterm clinical chorioamnionitis. <i>Inflammation Research</i> , 2020, 69, 203-216.	1.6	30
28	Reduction and sustainability of cesarean section surgical site infection: An evidence-based, innovative, and multidisciplinary quality improvement intervention bundle program. <i>American Journal of Infection Control</i> , 2016, 44, 1315-1320.	1.1	27
29	Clinical chorioamnionitis at term X: microbiology, clinical signs, placental pathology, and neonatal bacteremia – implications for clinical care. <i>Journal of Perinatal Medicine</i> , 2021, 49, 275-298.	0.6	27
30	Amniotic fluid cell-free transcriptome: a glimpse into fetal development and placental cellular dynamics during normal pregnancy. <i>BMC Medical Genomics</i> , 2020, 13, 25.	0.7	25
31	RNA Sequencing Reveals Distinct Immune Responses in the Chorioamniotic Membranes of Women with Preterm Labor and Microbial or Sterile Intra-amniotic Inflammation. <i>Infection and Immunity</i> , 2021, 89, .	1.0	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. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 4117-4132.	0.7	23
33	Prenatal Maternal Stress Causes Preterm Birth and Affects Neonatal Adaptive Immunity in Mice. <i>Frontiers in Immunology</i> , 2020, 11, 254.	2.2	22
34	Disorders of placental villous maturation in fetal death. <i>Journal of Perinatal Medicine</i> , 2020, .	0.6	22
35	Mechanisms of death in structurally normal stillbirths. <i>Journal of Perinatal Medicine</i> , 2019, 47, 222-240.	0.6	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. <i>Cytokine</i> , 2021, 137, 155316.	1.4	19

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37	The diagnostic performance of the beta-glucan assay in the detection of intra-amniotic infection with <i>Candida</i> species. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 1703-1720.	0.7	18
38	Prediction of preeclampsia throughout gestation with maternal characteristics and biophysical and biochemical markers: a longitudinal study. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 126.e1-126.e22.	0.7	18
39	The immunophenotype of decidual macrophages in acute atherosclerosis. <i>American Journal of Reproductive Immunology</i> , 2019, 81, e13098.	1.2	16
40	Resolution of acute cervical insufficiency after antibiotics in a case with amniotic fluid sludge. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 5416-5426.	0.7	16
41	Maternal circulating concentrations of soluble Fas and Elabela in early- and late-onset preeclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, , 1-14.	0.7	14
42	Placental delayed villous maturation is associated with evidence of chronic fetal hypoxia. <i>Journal of Perinatal Medicine</i> , 2020, 48, 516-518.	0.6	13
43	HSP70: an alarmin that does not induce high rates of preterm birth but does cause adverse neonatal outcomes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 4110-4118.	0.7	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. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 242-257.	0.7	12
45	The amniotic fluid cell-free transcriptome in spontaneous preterm labor. <i>Scientific Reports</i> , 2021, 11, 13481.	1.6	11
46	Cellular immune responses in amniotic fluid of women with a sonographic short cervix. <i>Journal of Perinatal Medicine</i> , 2020, 48, 665-676.	0.6	9
47	Gasdermin D: <i>in vivo</i> evidence of pyroptosis in spontaneous labor at term. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 569-579.	0.7	8
48	Methods for Monitoring Risk of Hypoxic Damage in Fetal and Neonatal Brains: A Review. <i>Fetal Diagnosis and Therapy</i> , 2022, 49, 1-24.	0.6	8
49	Pregnancy-specific transcriptional changes upon endotoxin exposure in mice. <i>Journal of Perinatal Medicine</i> , 2020, 48, 700-722.	0.6	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. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, , 1-7.	0.7	4
51	Endocavity ultrasound and photoacoustic system for fetal and maternal imaging: design, implementation, and ex-vivo validation. <i>Journal of Medical Imaging</i> , 2021, 8, 066001.	0.8	4
52	The utility of systemic inflammatory response syndrome (SIRS) for diagnosing sepsis in the immediate postpartum period. <i>Journal of Infection and Public Health</i> , 2019, 12, 799-802.	1.9	3
53	The role of noninvasive diagnostic imaging in monitoring pregnancy and detecting patients at risk for preterm birth: a review of quantitative approaches. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 568-591.	0.7	3
54	Study protocol to quantify the genetic architecture of sonographic cervical length and its relationship to spontaneous preterm birth. <i>BMJ Open</i> , 2022, 12, e053631.	0.8	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.	0.2	1