Damage-associated molecular patterns (DAMPs) in pret and preterm PROM: a study of the alarmin HMGB1

Journal of Maternal-Fetal and Neonatal Medicine 24, 1444-1455 DOI: 10.3109/14767058.2011.591460

Citation Report

CITATION	DEDODT

#	Article	IF	CITATIONS
1	Blood pH and gases in fetuses in preterm labor with and without systemic inflammatory response syndrome. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 1160-1170.	0.7	21
2	Midtrimester amniotic fluid concentrations of interleukin-6 and interferon-gamma-inducible protein-10: evidence for heterogeneity of intra-amniotic inflammation and associations with spontaneous early (<32 weeks) and late (>32 weeks) preterm delivery. Journal of Perinatal Medicine. 2012. 40. 329-343.	0.6	132
3	Acute Histologic Chorioamnionitis at Term: Nearly Always Noninfectious. PLoS ONE, 2012, 7, e31819.	1.1	126
4	Methylome of Fetal and Maternal Monocytes and Macrophages at the Fetoâ€Maternal Interface. American Journal of Reproductive Immunology, 2012, 68, 8-27.	1.2	82
5	Demystifying Animal Models of Adverse Pregnancy Outcomes: Touching Bench and Bedside. American Journal of Reproductive Immunology, 2013, 69, 567-584.	1.2	35
6	Interleukin-33 in the human placenta. Journal of Maternal-Fetal and Neonatal Medicine, 2013, 26, 327-338.	0.7	26
7	Cervical pessaries for prevention of spontaneous preterm birth: past, present and future. Ultrasound in Obstetrics and Gynecology, 2013, 42, 390-399.	0.9	120
8	Histologic chorioamnionitis at term: implications for the progress of labor and neonatal wellbeing. Journal of Maternal-Fetal and Neonatal Medicine, 2013, 26, 188-192.	0.7	25
9	HMGB1 Promotes a p38MAPK Associated Non-Infectious Inflammatory Response Pathway in Human Fetal Membranes. PLoS ONE, 2014, 9, e113799.	1.1	105
10	The diagnostic performance of the Mass Restricted (MR) score in the identification of microbial invasion of the amniotic cavity or intra-amniotic inflammation is not superior to amniotic fluid interleukin-6. Journal of Maternal-Fetal and Neonatal Medicine, 2014, 27, 757-769.	0.7	44
11	On the Significance of New Biochemical Markers for the Diagnosis of Premature Labour. Mediators of Inflammation, 2014, 2014, 1-8.	1.4	10
12	Circulating Cytokines and Alarmins Associated with Placental Inflammation in Highâ€Risk Pregnancies. American Journal of Reproductive Immunology, 2014, 72, 422-434.	1.2	63
13	Prevalence and Clinical Significance of Sterile Intra-amniotic Inflammation in Patients with Preterm Labor and Intact Membranes. American Journal of Reproductive Immunology, 2014, 72, 458-474.	1.2	382
14	A "multi-hit―model of neonatal white matter injury: cumulative contributions of chronic placental inflammation, acute fetal inflammation and postnatal inflammatory events. Journal of Perinatal Medicine, 2014, 42, 731-43.	0.6	88
15	Prevention of preterm birth: Harnessing science to address the global epidemic. Science Translational Medicine, 2014, 6, 262sr5.	5.8	134
16	Prelabor rupture of membranes between 34 and 37 weeks: the intraamniotic inflammatory response and neonatal outcomes. American Journal of Obstetrics and Gynecology, 2014, 210, 325.e1-325.e10.	0.7	130
17	High-mobility group box 1 (HMGB1) in childhood: from bench to bedside. European Journal of Pediatrics, 2014, 173, 1123-1136.	1.3	34
18	HMCB1 in health and disease. Molecular Aspects of Medicine, 2014, 40, 1-116.	2.7	763

#	Article	IF	CITATIONS
19	A transcervical amniotic fluid collector: a new medical device for the assessment of amniotic fluid in patients with ruptured membranes. Journal of Perinatal Medicine, 2015, 43, 381-389.	0.6	15
20	Mode of delivery and risk for development of atopic diseases in children. Allergy and Asthma Proceedings, 2015, 36, 344-351.	1.0	16
21	Intraamniotic Inflammation in Women with Preterm Prelabor Rupture of Membranes. PLoS ONE, 2015, 10, e0133929.	1.1	83
22	Caspase-1-mediated cytokine release from gestational tissues, placental, and cord blood. Frontiers in Physiology, 2015, 6, 186.	1.3	11
23	About one-half of early spontaneous preterm deliveries can be identified by a rapid matrix metalloproteinase-8 (MMP-8) bedside test at the time of mid-trimester genetic amniocentesis*. Journal of Maternal-Fetal and Neonatal Medicine, 2016, 29, 2414-2422.	0.7	27
24	A clear and present danger: inflammasomes DAMPing down disorders of pregnancy. Human Reproduction Update, 2015, 21, 388-405.	5.2	43
25	Clinical chorioamnionitis at term I: microbiology of the amniotic cavity using cultivation and molecular techniques. Journal of Perinatal Medicine, 2015, 43, 19-36.	0.6	192
26	Evidence of perturbations of the cytokine network in preterm labor. American Journal of Obstetrics and Gynecology, 2015, 213, 836.e1-836.e18.	0.7	141
27	Clinical chorioamnionitis at term II: the intra-amniotic inflammatory response. Journal of Perinatal Medicine, 2015, 44, 5-22.	0.6	84
28	Acute chorioamnionitis and funisitis: definition, pathologic features, and clinical significance. American Journal of Obstetrics and Gynecology, 2015, 213, S29-S52.	0.7	689
29	Clinical chorioamnionitis at term III: how well do clinical criteria perform in the identification of proven intra-amniotic infection?. Journal of Perinatal Medicine, 2015, 44, 23-32.	0.6	66
30	Vaginal progesterone, but not 17α-hydroxyprogesterone caproate, has antiinflammatory effects at the murine maternal-fetal interface. American Journal of Obstetrics and Gynecology, 2015, 213, 846.e1-846.e19.	0.7	79
31	Cell-Free Fetal DNA, Telomeres, and the Spontaneous Onset of Parturition. Reproductive Sciences, 2015, 22, 1186-1201.	1.1	68
32	Clinical chorioamnionitis at term IV: the maternal plasma cytokine profile. Journal of Perinatal Medicine, 2015, 44, 77-98.	0.6	49
33	Clinical chorioamnionitis at term VI: acute chorioamnionitis and funisitis according to the presence or absence of microorganisms and inflammation in the amniotic cavity. Journal of Perinatal Medicine, 2015, 44, 33-51.	0.6	59
34	Sterile intra-amniotic inflammation in asymptomatic patients with a sonographic short cervix: prevalence and clinical significance. Journal of Maternal-Fetal and Neonatal Medicine, 2015, 28, 1343-1359.	0.7	144
35	Highâ€mobility group boxâ€1 release into fetal circulation from umbilical cord tissue and amniotic epithelium in fetal ischemia. Pediatrics International, 2016, 58, 631-634.	0.2	2
36	Novel concepts on pregnancy clocks and alarms: redundancy and synergy in human parturition. Human Reproduction Update, 2016, 22, 535-560.	5.2	196

#	Article	IF	CITATIONS
37	Gestational age is more important for shortâ€ŧerm neonatal outcome than microbial invasion of the amniotic cavity or intraâ€amniotic inflammation in preterm prelabor rupture of membranes. Acta Obstetricia Et Gynecologica Scandinavica, 2016, 95, 926-933.	1.3	63
39	Sterile inflammation and pregnancy complications: a review. Reproduction, 2016, 152, R277-R292.	1.1	192
40	In vivo T-cell activation by a monoclonal αCD3ε antibody induces preterm labor and birth. American Journal of Reproductive Immunology, 2016, 76, 386-390.	1.2	40
41	Intraâ€Amniotic Administration of HMGB1 Induces Spontaneous Preterm Labor and Birth. American Journal of Reproductive Immunology, 2016, 75, 3-7.	1.2	114
42	HMGB1 Induces an Inflammatory Response in the Chorioamniotic Membranes That Is Partially Mediated by the Inflammasome. Biology of Reproduction, 2016, 95, 130-130.	1.2	93
43	A rapid interleukin-6 bedside test for the identification of intra-amniotic inflammation in preterm labor with intact membranes. Journal of Maternal-Fetal and Neonatal Medicine, 2016, 29, 349-359.	0.7	114
44	Inflammation and preterm birth. Journal of Leukocyte Biology, 2016, 99, 67-78.	1.5	227
45	High Mobility Group-Box 1 (HMGB1) levels are increased in amniotic fluid of women with intra-amniotic inflammation-determined preterm birth, and the source may be the damaged fetal membranes. Cytokine, 2016, 81, 82-87.	1.4	30
46	An M1-like Macrophage Polarization in Decidual Tissue during Spontaneous Preterm Labor That Is Attenuated by Rosiglitazone Treatment. Journal of Immunology, 2016, 196, 2476-2491.	0.4	147
47	Invariant NKT Cell Activation Induces Late Preterm Birth That Is Attenuated by Rosiglitazone. Journal of Immunology, 2016, 196, 1044-1059.	0.4	76
48	Damage-Associated Molecular Pattern and Fetal Membrane Vascular Injury and Collagen Disorganization in Lipopolysaccharide-Induced Intra-amniotic Inflammation in Fetal Sheep. Reproductive Sciences, 2016, 23, 69-80.	1.1	21
49	Meconium aspiration syndrome: a role for fetal systemic inflammation. American Journal of Obstetrics and Gynecology, 2016, 214, 366.e1-366.e9.	0.7	55
50	Neutrophil extracellular traps in acute chorioamnionitis: AÂmechanism of host defense. American Journal of Reproductive Immunology, 2017, 77, e12617.	1.2	42
51	A Role for the Inflammasome in Spontaneous Preterm Labor With Acute Histologic Chorioamnionitis. Reproductive Sciences, 2017, 24, 1382-1401.	1.1	93
52	The preterm cervix reveals a transcriptomic signature in the presence of premature prelabor rupture of membranes. American Journal of Obstetrics and Gynecology, 2017, 216, 602.e1-602.e21.	0.7	17
53	Twenty-four percent of patients with clinical chorioamnionitis in preterm gestations have no evidence ofÂeither culture-proven intraamniotic infection orÂintraamniotic inflammation. American Journal of Obstetrics and Gynecology, 2017, 216, 604.e1-604.e11.	0.7	85
54	Uric Acid Crystals Induce Placental Inflammation and Alter Trophoblast Function via an IL-1–Dependent Pathway: Implications for Fetal Growth Restriction. Journal of Immunology, 2017, 198, 443-451.	0.4	63
55	The cytokine network in women with an asymptomatic short cervix and the risk of preterm delivery. American Journal of Reproductive Immunology, 2017, 78, e12686.	1.2	35

#	Article	IF	CITATIONS
56	<scp>CXCL</scp> 10 and <scp>IL</scp> â€6: Markers of two different forms of intraâ€amniotic inflammation in preterm labor. American Journal of Reproductive Immunology, 2017, 78, e12685.	1.2	63
57	<i>In vivo</i> activation of invariant natural killer T cells induces systemic and local alterations in T-cell subsets prior to preterm birth. Clinical and Experimental Immunology, 2017, 189, 211-225.	1.1	38
58	Are amniotic fluid neutrophils in women with intraamniotic infection and/or inflammation of fetal or maternal origin?. American Journal of Obstetrics and Gynecology, 2017, 217, 693.e1-693.e16.	0.7	113
59	Damage-Associated molecular pattern markers HMGB1 and cell-Free fetal telomere fragments in oxidative-Stressed amnion epithelial cell-Derived exosomes. Journal of Reproductive Immunology, 2017, 123, 3-11.	0.8	75
60	Preterm labor in the absence of acute histologic chorioamnionitis is characterized by cellular senescence of the chorioamniotic membranes. American Journal of Obstetrics and Gynecology, 2017, 217, 592.e1-592.e17.	0.7	55
61	Amniotic fluid neutrophils can phagocytize bacteria: A mechanism for microbial killing in the amniotic cavity. American Journal of Reproductive Immunology, 2017, 78, e12723.	1.2	57
62	Preclinical evaluation of drugs to block inflammation-driven preterm birth. Innate Immunity, 2017, 23, 20-33.	1.1	14
63	Amniotic fluid cathepsin-G in pregnancies complicated by the preterm prelabor rupture of membranes. Journal of Maternal-Fetal and Neonatal Medicine, 2017, 30, 2097-2104.	0.7	17
64	Alarmin high mobility group box-1 in maternal serum as a potential biomarker of chorioamnionitis-associated preterm birth. Gynecological Endocrinology, 2017, 33, 128-131.	0.7	9
65	Neutrophil Extracellular Traps in the Amniotic Cavity of Women with Intra-Amniotic Infection: A New Mechanism of Host Defense. Reproductive Sciences, 2017, 24, 1139-1153.	1.1	56
66	Augmented Th17-type immune responses in preterm neonates exposed to histologic chorioamnionitis. Pediatric Research, 2017, 81, 639-645.	1.1	28
67	Programmed Fetal Membrane Senescence and Exosome-Mediated Signaling: A Mechanism Associated With Timing of Human Parturition. Frontiers in Endocrinology, 2017, 8, 196.	1.5	66
68	Optineurin suppression activates the mediators involved in the terminal effector pathways of human labour and delivery. Reproduction, Fertility and Development, 2017, 29, 1074.	0.1	0
69	Innate lymphoid cells at the human maternalâ€fetal interface in spontaneous preterm labor. American Journal of Reproductive Immunology, 2018, 79, e12820.	1.2	94
70	The immunophenotype of amniotic fluid leukocytes in normal and complicated pregnancies. American Journal of Reproductive Immunology, 2018, 79, e12827.	1.2	75
71	Spontaneous preterm birth: advances toward the discovery of genetic predisposition. American Journal of Obstetrics and Gynecology, 2018, 218, 294-314.e2.	0.7	111
72	Different concentration of human cord blood HMGB1 according to delivery and labour: A pilot study. Cytokine, 2018, 108, 53-56.	1.4	9
73	Cervical fluid interleukin 6 and intra-amniotic complications of preterm prelabor rupture of	0.7	19

#	Article	IF	CITATIONS
74	Amniotic fluid cellâ€free DNA in preterm prelabor rupture of membranes. Prenatal Diagnosis, 2018, 38, 1086-1095.	1.1	13
75	Amnion epithelial cell–derived exosomes induce inflammatory changes in uterine cells. American Journal of Obstetrics and Gynecology, 2018, 219, 478.e1-478.e21.	0.7	82
76	DNA methylation profiling of acute chorioamnionitis-associated placentas and fetal membranes: insights into epigenetic variation in spontaneous preterm births. Epigenetics and Chromatin, 2018, 11, 63.	1.8	41
77	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
78	Immunomodulation to Prevent or Treat Neonatal Sepsis: Past, Present, and Future. Frontiers in Pediatrics, 2018, 6, 199.	0.9	44
79	Human βâ€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
80	Oxidative stress-induced TGF-beta/TAB1-mediated p38MAPK activation in human amnion epithelial cellsâ€. Biology of Reproduction, 2018, 99, 1100-1112.	1.2	44
81	Mouse models of preterm birth: suggested assessment and reporting guidelinesâ€. Biology of Reproduction, 2018, 99, 922-937.	1.2	62
82	Preterm Birth: A Narrative Review of the Current Evidence on Nutritional and Bioactive Solutions for Risk Reduction. Nutrients, 2019, 11, 1811.	1.7	24
83	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
84	Initiation of human parturition: signaling from senescent fetal tissues via extracellular vesicle mediated paracrine mechanism. Obstetrics and Gynecology Science, 2019, 62, 199.	0.6	51
85	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
86	The origin of amniotic fluid monocytes/macrophages in women with intra-amniotic inflammation or infection. Journal of Perinatal Medicine, 2019, 47, 822-840.	0.6	44
87	Fetal T Cell Activation in the Amniotic Cavity during Preterm Labor: A Potential Mechanism for a Subset of Idiopathic Preterm Birth. Journal of Immunology, 2019, 203, 1793-1807.	0.4	43
88	High mobility group box 1 and markers of oxidative stress in human cord blood. Pediatrics International, 2019, 61, 264-270.	0.2	7
89	Evidence that antibiotic administration is effective in the treatment of a subset of patients with intra-amniotic infection/inflammation presenting with cervical insufficiency. American Journal of Obstetrics and Gynecology, 2019, 221, 140.e1-140.e18.	0.7	94
90	Antibiotic administration can eradicate intra-amniotic infection or intra-amniotic inflammation in a subset of patients with preterm labor and intact membranes. American Journal of Obstetrics and Gynecology, 2019, 221, 142.e1-142.e22.	0.7	105
91	Preliminary evidence of a paternal-maternal genetic conflict on the placenta: Link between imprinting disorder and multi-generational hypertensive disorders. Placenta, 2019, 84, 69-73.	0.7	8

#	Article	IF	CITATIONS
92	Effector and Activated T Cells Induce Preterm Labor and Birth That Is Prevented by Treatment with Progesterone. Journal of Immunology, 2019, 202, 2585-2608.	0.4	120
93	IL-36 Cytokines: Regulators of Inflammatory Responses and Their Emerging Role in Immunology of Reproduction. International Journal of Molecular Sciences, 2019, 20, 1649.	1.8	48
94	Association of a placental Interleukin-6 genetic variant (rs1800796) with DNA methylation, gene expression and risk of acute chorioamnionitis. BMC Medical Genetics, 2019, 20, 36.	2.1	15
95	A high concentration of fetal fibronectin in cervical secretions increases the risk of intra-amniotic infection and inflammation in patients with preterm labor and intact membranes. Journal of Perinatal Medicine, 2019, 47, 288-303.	0.6	14
96	The role of dendritic cells regulated by HMGB1/TLR4 signalling pathway in myocardial ischaemia reperfusion injury. Journal of Cellular and Molecular Medicine, 2019, 23, 2849-2862.	1.6	26
97	Are B cells altered in the decidua of women with preterm or term labor?. American Journal of Reproductive Immunology, 2019, 81, e13102.	1.2	33
98	MicroRNA-548 regulates high mobility group box 1 expression in patients with preterm birth and chorioamnionitis. Scientific Reports, 2019, 9, 19746.	1.6	29
99	Inflammasomes: Their Role in Normal and Complicated Pregnancies. Journal of Immunology, 2019, 203, 2757-2769.	0.4	96
100	Preterm labor is characterized by a high abundance of amniotic fluid prostaglandins in patients with intra-amniotic infection or sterile intra-amniotic inflammation. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 4009-4024.	0.7	22
101	Characterization of vaginal microbiota in women with preterm labor with intra-amniotic inflammation. Scientific Reports, 2019, 9, 18963.	1.6	15
102	The role of Th17 cells in the pathophysiology of pregnancy and perinatal mood and anxiety disorders. Brain, Behavior, and Immunity, 2019, 76, 7-16.	2.0	33
103	Differential effect of LPS and IL- $1\hat{I}^2$ in term placental explants. Placenta, 2019, 75, 9-15.	0.7	12
104	Alarmins at the maternal–fetal interface: involvement of inflammation in placental dysfunction and pregnancy complications. Canadian Journal of Physiology and Pharmacology, 2019, 97, 206-212.	0.7	48
105	Influence of perinatal inflammation on the neurodevelopmental outcome of premature infants. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 1069-1077.	0.7	16
106	The frequency and clinical significance of intra-amniotic inflammation in twin pregnancies with preterm labor and intact membranes. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 527-541.	0.7	20
107	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.	0.7	18
108	Human β-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.	0.7	23
109	Altered cord serum 25â€hydroxyvitamin D signaling and placental inflammation is associated with preâ€term birth. American Journal of Reproductive Immunology, 2020, 83, e13201.	1.2	12

#	Article	IF	CITATIONS
110	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.	0.7	12
111	Protein Concentrations of Thrombospondin-1, MIP-1β, and S100A8 Suggest the Reflection of a Pregnancy Clock in Mid-Trimester Amniotic Fluid. Reproductive Sciences, 2020, 27, 2146-2157.	1.1	1
112	UDP-glucose, a cellular danger signal, and nucleotide receptor P2Y14 enhance the invasion of human extravillous trophoblast cells. Placenta, 2020, 101, 194-203.	0.7	1
113	The alarmin interleukin-1α causes preterm birth through the NLRP3 inflammasome. Molecular Human Reproduction, 2020, 26, 712-726.	1.3	32
114	Specific inflammatory profile in each pregnancy complication: A comparative study. American Journal of Reproductive Immunology, 2020, 84, e13316.	1.2	22
115	Successful treatment of severe intraâ€amniotic inflammation and cervical insufficiency with continuous transabdominal amnioinfusion and cerclage: A case report. Journal of Obstetrics and Gynaecology Research, 2020, 46, 2142-2146.	0.6	0
116	Stretch, scratch, and stress: Suppressors and supporters of senescence in human fetal membranes. Placenta, 2020, 99, 27-34.	0.7	19
117	Harmful and beneficial effects of inflammatory response on reproduction: sterile and pathogen-associated inflammation. Immunological Medicine, 2021, 44, 98-115.	1.4	22
118	Pathogenesis of preterm birth: bidirectional inflammation in mother and fetus. Seminars in Immunopathology, 2020, 42, 413-429.	2.8	84
119	A rodent model of intra-amniotic inflammation/infection, induced by the administration of inflammatory agent in a gestational sac, associated with preterm delivery: a systematic review. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 1592-1600.	0.7	5
120	Immunobiology of Acute Chorioamnionitis. Frontiers in Immunology, 2020, 11, 649.	2.2	64
121	Risk factors for spontaneous preterm delivery. International Journal of Gynecology and Obstetrics, 2020, 150, 17-23.	1.0	87
122	Antibiotic administration reduces the rate of intraamniotic inflammation in preterm prelabor rupture of the membranes. American Journal of Obstetrics and Gynecology, 2020, 223, 114.e1-114.e20.	0.7	53
123	Occurrence of a RAGE-Mediated Inflammatory Response in Human Fetal Membranes. Frontiers in Physiology, 2020, 11, 581.	1.3	13
124	The Role of Danger Associated Molecular Patterns in Human Fetal Membrane Weakening. Frontiers in Physiology, 2020, 11, 602.	1.3	24
125	Abnormal uterine inflammation in obstetric syndromes: molecular insights into the role of chemokine decoy receptor D6 and inflammasome NLRP3. Molecular Human Reproduction, 2020, 26, 111-121.	1.3	18
126	A new rapid bedside test to diagnose and monitor intraamniotic inflammation in preterm PROM using transcervically collected fluid. American Journal of Obstetrics and Gynecology, 2020, 223, 423.e1-423.e15.	0.7	17
127	Amniotic fluid cell-free transcriptome: a glimpse into fetal development and placental cellular dynamics during normal pregnancy. BMC Medical Genomics, 2020, 13, 25.	0.7	25

#	Article	IF	CITATIONS
128	Cannabis Sativa Revisited—Crosstalk between microRNA Expression, Inflammation, Oxidative Stress, and Endocannabinoid Response System in Critically III Patients with Sepsis. Cells, 2020, 9, 307.	1.8	23
129	Doseâ€dependent structural and immunological changes in the placenta and fetal brain in response to systemic inflammation during pregnancy. American Journal of Reproductive Immunology, 2020, 84, e13248.	1.2	17
130	Targeting Tollâ€like receptorâ€4 to tackle preterm birth and fetal inflammatory injury. Clinical and Translational Immunology, 2020, 9, e1121.	1.7	32
131	Gasdermin D: <i>in vivo</i> evidence of pyroptosis in spontaneous labor at term. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 569-579.	0.7	8
132	Inappropriate activation of invariant natural killer T cells and antigenâ€presenting cells with the elevation of HMGB1 in preterm births without acute chorioamnionitis. American Journal of Reproductive Immunology, 2021, 85, e13330.	1.2	5
133	The promise of placental extracellular vesicles: models and challenges for diagnosing placental dysfunction in uteroâ€. Biology of Reproduction, 2021, 104, 27-57.	1.2	7
134	Highâ€mobility group box 1 is a driver of inflammation throughout pregnancy. American Journal of Reproductive Immunology, 2021, 85, e13328.	1.2	14
135	Extracellular vesicle mediated feto-maternal HMGB1 signaling induces preterm birth. Lab on A Chip, 2021, 21, 1956-1973.	3.1	41
136	Understanding the natural selection of human embryos: blastocyst quality modulates the inflammatory response during the periâ€implantation period. American Journal of Reproductive Immunology, 2021, , e13423.	1.2	4
137	Betamethasone as a potential treatment for preterm birth associated with sterile intra-amniotic inflammation: a murine study. Journal of Perinatal Medicine, 2021, 49, 897-906.	0.6	13
138	Possibilities for predicting prelabor rupture of membranes. Journal of Obstetrics and Women's Diseases, 2021, 70, 107-118.	0.0	1
139	The amniotic fluid cell-free transcriptome in spontaneous preterm labor. Scientific Reports, 2021, 11, 13481.	1.6	11
140	Inflammation related to high-mobility group box-1 in endometrial ovarian cyst. Journal of Reproductive Immunology, 2021, 145, 103292.	0.8	4
141	Intra-amniotic infection and sterile intra-amniotic inflammation in women with preterm labor with intact membranes are associated with a higher rate of <i>Ureaplasma</i> species DNA presence in the cervical fluid. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 7344-7352.	0.7	6
142	Chorioamnionitis and neonatal outcomes. Pediatric Research, 2022, 91, 289-296.	1.1	46
143	High Mobility Group Box 1 in Pig Amniotic Membrane Experimentally Infected with E. coli O55. Biomolecules, 2021, 11, 1146.	1.8	4
144	Pathophysiological Implication of Pattern Recognition Receptors in Fetal Membranes Rupture: RAGE and NLRP Inflammasome. Biomedicines, 2021, 9, 1123.	1.4	5
145	Transabdominal amniocentesis in expectant management of preterm premature rupture of membranes: A single center prospective study. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2021, 165, 305-315.	0.2	0

#	Article	IF	CITATIONS
146	The nature of the immune response in microbial-associated and sterile intraamniotic inflammation. , 2021, , 207-237.		1
147	Intra-amniotic infection and sterile intra-amniotic inflammation are associated with elevated concentrations of cervical fluid interleukin-6 in women with spontaneous preterm labor with intact membranes. Journal of Maternal-Fetal and Neonatal Medicine, 2024, 35, 4861-4869.	0.7	13
148	Intra-Amniotic Inflammatory Response in Subgroups of Women with Preterm Prelabor Rupture of the Membranes. PLoS ONE, 2012, 7, e43677.	1.1	53
149	Sodium Butyrate Protects against Severe Burn-Induced Remote Acute Lung Injury in Rats. PLoS ONE, 2013, 8, e68786.	1.1	31
150	Fetal death: an extreme manifestation of maternal anti-fetal rejection. Journal of Perinatal Medicine, 2017, 45, 851-868.	0.6	31
151	Placental membrane aging and HMGB1 signaling associated with human parturition. Aging, 2016, 8, 216-230.	1.4	122
154	The Role of Innate Immune System in the Human Amniotic Membrane and Human Amniotic Fluid in Protection Against Intra-Amniotic Infections and Inflammation. Frontiers in Immunology, 2021, 12, 735324.	2.2	9
155	Efficacy of Er:YAG Laser in Vital Pulp Therapy. Journal of Japanese Society for Laser Dentistry, 2018, 29, 1-9.	0.1	0
156	Subclinical Intrauterine Infection. Comprehensive Gynecology and Obstetrics, 2020, , 29-39.	0.0	0
157	Proteomic identification of novel plasma biomarkers associated with spontaneous preterm birth in women with preterm labor without infection/inflammation. PLoS ONE, 2021, 16, e0259265.	1.1	6
158	Clinical and Subclinical Intrauterine Infection or Inflammation. Comprehensive Gynecology and Obstetrics, 2020, , 41-59.	0.0	0
160	Clinical Chorioamnionitis at Term: New Insights into the Etiology, Microbiology, and the Fetal, Maternal and Amniotic Cavity Inflammatory Responses. , 2018, 20, 103-112.		9
162	Animal Models of Chorioamnionitis: Considerations for Translational Medicine. Biomedicines, 2022, 10, 811.	1.4	4
163	IL-22 Plays a Dual Role in the Amniotic Cavity: Tissue Injury and Host Defense against Microbes in Preterm Labor. Journal of Immunology, 2022, 208, 1595-1615.	0.4	11
164	Fetal inflammatory response at the fetomaternal interface: AÂrequirement for labor at term and preterm*. Immunological Reviews, 2022, 308, 149-167.	2.8	21
165	Gut Microbiota might act as a potential therapeutic pathway in COVID-19. Current Pharmaceutical Biotechnology, 2022, 23, .	0.9	1
166	Calprotectin levels in amniotic fluid in relation to intra-amniotic inflammation and infection in women with preterm labor with intact membranes: A retrospective cohort study. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2022, 272, 24-29.	0.5	1
168	Inflammation in Preterm Birth. Nihon Ika Daigaku Igakkai Zasshi, 2022, 18, 194-201.	0.0	0

#	Article	IF	CITATIONS
169	The immunobiology of preterm labor and birth: intra-amniotic inflammation or breakdown of maternal–fetal homeostasis. Reproduction, 2022, 164, R11-R45.	1.1	37
170	Preterm intraamniotic infection and inflammation: Search for protein biomarkers via proteomics approach. , 2014, 2, 47-56.		0
171	Preeclampsia and COVID-19: the Role of Inflammasome Activation. Current Hypertension Reports, 2022, 24, 341-348.	1.5	4
172	Clarithromycin prevents preterm birth and neonatal mortality by dampening alarmin-induced maternal–fetal inflammation in mice. BMC Pregnancy and Childbirth, 2022, 22, .	0.9	8
173	Fetal Lung-Derived Exosomes in Term Labor Amniotic Fluid Induce Amniotic Membrane Senescence. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	0
174	Preterm labor with and without chorioamnionitis is associated with activation of myometrial inflammatory networks: A comprehensive transcriptomic analysis. American Journal of Obstetrics and Gynecology, 2022, , .	0.7	1
175	Intra-amniotic inflammation in the mid-trimester of pregnancy is a risk factor for neuropsychological disorders in childhood. Journal of Perinatal Medicine, 2023, 51, 363-378.	0.6	3
176	RAGE and HMGB1 expressions in fetal membranes of premature rupture of membranes patients. Medical Journal of Indonesia, 0, , .	0.2	0
177	Is human labor at term an inflammatory condition?. Biology of Reproduction, 2023, 108, 23-40.	1.2	6
178	Matrix metalloproteinases in preterm prelabor rupture of membranes in the setting of chorioamnionitis: A scoping review. American Journal of Reproductive Immunology, 2023, 89, .	1.2	2
179	Placental Membranes. , 2021, , 117-180.		1
180	The role of upper and lower genital tract microbiota alterations in term chorionamnionitis: A prospective study. Frontiers in Microbiology, 0, 13, .	1.5	3
182	Clinical chorioamnionitis at term: definition, pathogenesis, microbiology, diagnosis, and treatment. American Journal of Obstetrics and Gynecology, 2024, 230, S807-S840.	0.7	4
183	Meconium-stained amniotic fluid. American Journal of Obstetrics and Gynecology, 2023, 228, S1158-S1178.	0.7	6