

Ramkumar Menon

List of Publications by Year in descending order

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Version: 2024-02-01

229
papers

12,345
citations

27035

58
h-index

39744

98
g-index

231
all docs

231
docs citations

231
times ranked

11572
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular mechanisms of environmental toxin cadmium at the feto-maternal interface investigated using an organ-on-chip (FMi-OOC) model. <i>Journal of Hazardous Materials</i> , 2022, 422, 126759.	6.5	17
2	Inflammatory response elicited by <i>Ureaplasma parvum</i> colonization in human cervical epithelial, stromal, and immune cells. <i>Reproduction</i> , 2022, 163, 1-10.	1.1	11
3	Fetal Membranes Contribute to Drug Transport across the Feto-Maternal Interface Utilizing the Breast Cancer Resistance Protein (BCRP). <i>Life</i> , 2022, 12, 166.	1.1	11
4	Differences in cord blood extracellular vesicle cargo in preterm and term births. <i>American Journal of Reproductive Immunology</i> , 2022, 87, e13521.	1.2	3
5	Environmental Toxicants and Preterm Birth: A Bibliometric Analysis of Research Trends and Output. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2493.	1.2	6
6	Actions of Bisphenol A on Different Feto-Maternal Compartments Contributing to Preterm Birth. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2411.	1.8	7
7	Computational Screening of the Natural Product Osthole and Its Derivates for Anti-Inflammatory Activity. <i>Life</i> , 2022, 12, 505.	1.1	1
8	Fetal inflammatory response at the fetomaternal interface: A requirement for labor at term and preterm*. <i>Immunological Reviews</i> , 2022, 308, 149-167.	2.8	21
9	Genital Mycoplasmas and Biomarkers of Inflammation and Their Association With Spontaneous Preterm Birth and Preterm Prelabor Rupture of Membranes: A Systematic Review and Meta-Analysis. <i>Frontiers in Microbiology</i> , 2022, 13, 859732.	1.5	15
10	Functional role and regulation of permeability-glycoprotein (P-gp) in the fetal membrane during drug transportation. <i>American Journal of Reproductive Immunology</i> , 2022, 87, .	1.2	9
11	Generation and characterization of human Fetal membrane and Decidual cell lines for reproductive biology experiments. <i>Biology of Reproduction</i> , 2022, 106, 568-582.	1.2	21
12	Effects of a gestational level of estradiol on cellular transition, migration, and inflammation in cervical epithelial and stromal cells. <i>American Journal of Reproductive Immunology</i> , 2021, 85, e13370.	1.2	14
13	Characterizing the immune cell population in the human fetal membrane. <i>American Journal of Reproductive Immunology</i> , 2021, 85, e13368.	1.2	10
14	Extracellular vesicles in spontaneous preterm birth. <i>American Journal of Reproductive Immunology</i> , 2021, 85, e13353.	1.2	30
15	Melatonergic systems of AANAT, melatonin, and its receptor MT2 in the corpus luteum are essential for reproductive success in mammals. <i>Biology of Reproduction</i> , 2021, 104, 430-444.	1.2	10
16	Progesterone receptor membrane components: key regulators of fetal membrane integrity. <i>Biology of Reproduction</i> , 2021, 104, 445-456.	1.2	24
17	Extracellular vesicle mediated feto-maternal HMGB1 signaling induces preterm birth. <i>Lab on A Chip</i> , 2021, 21, 1956-1973.	3.1	41
18	Women with high plasma levels of PBDE-47 are at increased risk of preterm birth. <i>Journal of Perinatal Medicine</i> , 2021, 49, 439-447.	0.6	13

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19	Editorial: The Role of the Fetal Membranes in Pregnancy and Birth. <i>Frontiers in Physiology</i> , 2021, 12, 653084.	1.3	5
20	Oxidative stress promotes cellular damages in the cervix: implications for normal and pathologic cervical function in human pregnancy. <i>Biology of Reproduction</i> , 2021, 105, 204-216.	1.2	17
21	Organâ€œchip of the cervical epithelial layer: A platform to study normal and pathological cellular remodeling of the cervix. <i>FASEB Journal</i> , 2021, 35, e21463.	0.2	30
22	Microvesicles and exosomes released by amnion epithelial cells under oxidative stress cause inflammatory changes in uterine cellsâ€œ. <i>Biology of Reproduction</i> , 2021, 105, 464-480.	1.2	28
23	The effect of Gestational Diabetes Mellitus on the fetal compartment. <i>Journal of Reproductive Immunology</i> , 2021, 145, 103314.	0.8	1
24	Progesterone alters human cervical epithelial and stromal cell transition and migration: Implications in cervical remodeling during pregnancy and parturition. <i>Molecular and Cellular Endocrinology</i> , 2021, 529, 111276.	1.6	9
25	The role of nuclear factor erythroid 2â€œrelated factor 2 (NRF2) in normal and pathological pregnancy: A systematic review. <i>American Journal of Reproductive Immunology</i> , 2021, 86, e13496.	1.2	11
26	Trends, gaps, and future directions of research in cervical remodeling during pregnancy: a bibliometric analysis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, , 1-9.	0.7	1
27	Cross talk: trafficking and functional impact of maternal exosomes at the feto-maternal interface under normal and pathologic states. <i>Biology of Reproduction</i> , 2021, 105, 1562-1576.	1.2	12
28	Hypoxic effects on the mitochondrial content and functions of the placenta in fetal growth restriction. <i>Placenta</i> , 2021, 114, 100-107.	0.7	11
29	Exosomal delivery of NF- κ B inhibitor delays LPS-induced preterm birth and modulates fetal immune cell profile in mouse models. <i>Science Advances</i> , 2021, 7, .	4.7	44
30	Introduction to the special issue on extracellular vesicles and reproduction. <i>American Journal of Reproductive Immunology</i> , 2021, 85, e13387.	1.2	0
31	Extracellular vesicles from maternal uterine cells exposed to risk factors cause fetal inflammatory response. <i>Cell Communication and Signaling</i> , 2021, 19, 100.	2.7	18
32	Histocompatibility Antigen, Class I, G (HLA-G)â€œs Role during Pregnancy and Parturition: A Systematic Review of the Literature. <i>Life</i> , 2021, 11, 1061.	1.1	9
33	Development of a mouse model of ascending infection and preterm birth. <i>PLoS ONE</i> , 2021, 16, e0260370.	1.1	20
34	Breaking Down the Barrier: The Role of Cervical Infection and Inflammation in Preterm Birth. <i>Frontiers in Global Women S Health</i> , 2021, 2, 777643.	1.1	19
35	Organic Anion Transporting Polypeptide 2B1 in Human Fetal Membranes: A Novel Gatekeeper for Drug Transport During Pregnancy?. <i>Frontiers in Pharmacology</i> , 2021, 12, 771818.	1.6	12
36	Glycogen synthase kinase (GSK) 3 in pregnancy and parturition: a systematic review of literature. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 1946-1957.	0.7	6

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37	Environmental pollutant induced cellular injury is reflected in exosomes from placental explants. <i>Placenta</i> , 2020, 89, 42-49.	0.7	36
38	Epidemiology and pathogenesis of maternal-fetal transmission of <i>Trypanosoma cruzi</i> and a case for vaccine development against congenital Chagas disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165591.	1.8	28
39	Telomere Length and Telomerase Activity in Foetal Membranes from Term and Spontaneous Preterm Births. <i>Reproductive Sciences</i> , 2020, 27, 411-417.	1.1	8
40	Fetal Membranes, Not a Mere Appendage of the Placenta, but a Critical Part of the Fetal-Maternal Interface Controlling Parturition. <i>Obstetrics and Gynecology Clinics of North America</i> , 2020, 47, 147-162.	0.7	36
41	Evidence for lysosomal biogenesis proteome defect and impaired autophagy in preeclampsia. <i>Autophagy</i> , 2020, 16, 1771-1785.	4.3	62
42	The effects of extracellular matrix rigidity on 3-dimensional cultures of amnion membrane cells. <i>Placenta</i> , 2020, 90, 82-89.	0.7	6
43	Changes in mediators of pro-cell growth, senescence, and inflammation during murine gestation. <i>American Journal of Reproductive Immunology</i> , 2020, 83, e13214.	1.2	8
44	Contractile function of the cervix plays a role in normal and pathological pregnancy and parturition. <i>Medical Hypotheses</i> , 2020, 145, 110336.	0.8	11
45	Isolation and characterization human chorion membrane trophoblast and mesenchymal cells. <i>Placenta</i> , 2020, 101, 139-146.	0.7	14
46	Organ-On-Chip Technology: The Future of Feto-Maternal Interface Research?. <i>Frontiers in Physiology</i> , 2020, 11, 715.	1.3	57
47	Interleukin (IL)-6: A Friend or Foe of Pregnancy and Parturition? Evidence From Functional Studies in Fetal Membrane Cells. <i>Frontiers in Physiology</i> , 2020, 11, 891.	1.3	25
48	Novel pathways of inflammation in human fetal membranes associated with preterm birth and preterm pre-labor rupture of the membranes. <i>Seminars in Immunopathology</i> , 2020, 42, 431-450.	2.8	53
49	Stretch, scratch, and stress: Suppressors and supporters of senescence in human fetal membranes. <i>Placenta</i> , 2020, 99, 27-34.	0.7	19
50	Sodium Hydrogen Exchanger Regulatory Factor-1 (NHERF1) Regulates Fetal Membrane Inflammation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7747.	1.8	9
51	Modeling ascending infection with a feto-maternal interface organ-on-chip. <i>Lab on A Chip</i> , 2020, 20, 4486-4501.	3.1	32
52	Novel Insights into the Regulatory Role of Nuclear Factor (Erythroid-Derived 2)-Like 2 in Oxidative Stress and Inflammation of Human Fetal Membranes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6139.	1.8	7
53	Fetal Membrane Organ-On-Chip: An Innovative Approach to Study Cellular Interactions. <i>Reproductive Sciences</i> , 2020, 27, 1562-1569.	1.1	15
54	Fetal membrane extracellular vesicle profiling reveals distinct pathways induced by infection and inflammation in vitro. <i>American Journal of Reproductive Immunology</i> , 2020, 84, e13282.	1.2	14

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55	Chlamydia trachomatis Is Associated With Medically Indicated Preterm Birth and Preeclampsia in Young Pregnant Women. Sexually Transmitted Diseases, 2020, 47, 246-252.	0.8	8
56	Reversible EMT and MET mediate amnion remodeling during pregnancy and labor. Science Signaling, 2020, 13, .	1.6	71
57	Circulating Short-Chain Fatty Acids in Preterm Birth: A Pilot Case-Control Study. Reproductive Sciences, 2020, 27, 1181-1186.	1.1	8
58	Protein Profile Changes in Circulating Placental Extracellular Vesicles in Term and Preterm Births: A Longitudinal Study. Endocrinology, 2020, 161, .	1.4	37
59	Histological response and expression of collagen, metalloproteinases MMP-1 and MMP-9 and tissue inhibitors of metalloproteinases TIMP-1 and TIMP-2 in fetal membranes following open intrauterine surgery: an experimental study. Journal of Maternal-Fetal and Neonatal Medicine, 2020, , 1-9.	0.7	1
60	Isolation and characterization of human amniotic fluid-derived exosomes. Methods in Enzymology, 2020, 645, 181-194.	0.4	14
61	Inflammation, but not infection, induces EMT in human amnion epithelial cells. Reproduction, 2020, 160, 627-638.	1.1	18
62	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
63	Oxidative stress-induced downregulation of glycogen synthase kinase 3 beta in fetal membranes promotes cellular senescence. Biology of Reproduction, 2019, 101, 1018-1030.	1.2	35
64	Effect of bisphenol-A (BPA) on placental biomarkers for inflammation, neurodevelopment and oxidative stress. Journal of Perinatal Medicine, 2019, 47, 741-749.	0.6	19
65	High mobility group box 1 at the time of parturition in women with gestational diabetes mellitus. American Journal of Reproductive Immunology, 2019, 82, e13175.	1.2	11
66	Cyclic-recombinase-reporter mouse model to determine exosome communication and function during pregnancy. American Journal of Obstetrics and Gynecology, 2019, 221, 502.e1-502.e12.	0.7	67
67	Exosomes Cause Preterm Birth in Mice: Evidence for Paracrine Signaling in Pregnancy. Scientific Reports, 2019, 9, 608.	1.6	84
68	Cervix Stromal Cells and the Progesterone Receptor A Isoform Mediate Effects of Progesterone for Prepartum Remodeling. Reproductive Sciences, 2019, 26, 690-696.	1.1	10
69	Amnion membrane organ-on-a-chip: an innovative approach to study cellular interactions. FASEB Journal, 2019, 33, 8945-8960.	0.2	50
70	Quantitative Proteomics by SWATH-MS of Maternal Plasma Exosomes Determine Pathways Associated With Term and Preterm Birth. Endocrinology, 2019, 160, 639-650.	1.4	55
71	The influence of the vaginal microbiota on preterm birth: A systematic review and recommendations for a minimum dataset for future research. Placenta, 2019, 79, 30-39.	0.7	50
72	11: Exosomal delivery of therapeutics to delay LPS induced preterm birth and decrease associated inflammatory response. American Journal of Obstetrics and Gynecology, 2019, 220, S10.	0.7	3

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73	Dexamethasone induces primary amnion epithelial cell senescence through telomere-P21 associated pathway. <i>Biology of Reproduction</i> , 2019, 100, 1605-1616.	1.2	16
74	History of the establishment of the Preterm Birth international collaborative (PREBIC). <i>Placenta</i> , 2019, 79, 3-20.	0.7	9
75	Fetal Membrane Organ-On-Chip: An Innovative Approach to Study Cellular Interactions. <i>Reproductive Sciences</i> , 2019, , 193371911982808.	1.1	20
76	Exploring Inflammatory Mediators in Fetal and Maternal Compartments During Human Parturition. <i>Obstetrics and Gynecology</i> , 2019, 134, 765-773.	1.2	34
77	Fetal membrane architecture, aging and inflammation in pregnancy and parturition. <i>Placenta</i> , 2019, 79, 40-45.	0.7	110
78	Pro- and anti-inflammatory effects of sulforaphane on placental cytokine production. <i>Journal of Reproductive Immunology</i> , 2019, 131, 44-49.	0.8	8
79	Research to achieve a reduction in the global rate of preterm birth needs attention: Preface to the special issue by the preterm Birth International Collaborative (PREBIC). <i>Placenta</i> , 2019, 79, 1-2.	0.7	8
80	Association between periodontal disease and preterm prelabour rupture of membranes. <i>Journal of Clinical Periodontology</i> , 2019, 46, 189-196.	2.3	14
81	Circulating Exosomal miRNA Profile During Term and Preterm Birth Pregnancies: A Longitudinal Study. <i>Endocrinology</i> , 2019, 160, 249-275.	1.4	94
82	Effect of polybrominated diphenyl ether congeners on placental cytokine production. <i>Journal of Reproductive Immunology</i> , 2018, 125, 72-79.	0.8	20
83	Amniotic Fluid Exosome Proteomic Profile Exhibits Unique Pathways of Term and Preterm Labor. <i>Endocrinology</i> , 2018, 159, 2229-2240.	1.4	101
84	Polybacterial stimulation suggests discrete IL-6/IL-6R signaling in human fetal membranes: Potential implications on IL-6 bioactivity. <i>Journal of Reproductive Immunology</i> , 2018, 126, 60-68.	0.8	12
85	Effects of tributyltin on placental cytokine production. <i>Journal of Perinatal Medicine</i> , 2018, 46, 867-875.	0.6	13
86	Oxidative stress induces senescence and sterile inflammation in murine amniotic cavity. <i>Placenta</i> , 2018, 63, 26-31.	0.7	37
87	Pigment epithelial-derived factor in human fetal membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 2058-2065.	0.7	2
88	Methylation differences reveal heterogeneity in preterm pathophysiology: results from bipartite network analyses. <i>Journal of Perinatal Medicine</i> , 2018, 46, 509-521.	0.6	13
89	Gestational tissue inflammatory biomarkers at term labor: A systematic review of literature. <i>American Journal of Reproductive Immunology</i> , 2018, 79, e12776.	1.2	48
90	Proteomics Method to Identification of Protein Profiles in Exosomes. <i>Methods in Molecular Biology</i> , 2018, 1710, 139-153.	0.4	5

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91	Placental exosomes: A proxy to understand pregnancy complications. American Journal of Reproductive Immunology, 2018, 79, e12788.	1.2	79
92	A distinct mechanism of senescence activation in amnion epithelial cells by infection, inflammation, and oxidative stress. American Journal of Reproductive Immunology, 2018, 79, e12790.	1.2	60
93	Vitamin D and corticotropin-releasing hormone in term and preterm birth: potential contributions to preterm labor and birth outcome. Journal of Maternal-Fetal and Neonatal Medicine, 2018, 31, 2911-2917.	0.7	9
94	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
95	Systematic review of p38 mitogen-activated kinase and its functional role in reproductive tissues. American Journal of Reproductive Immunology, 2018, 80, e13047.	1.2	18
96	Oxidative stress induces p38MAPK-dependent senescence in the feto-maternal interface cells. Placenta, 2018, 67, 15-23.	0.7	53
97	Maternal Plasma Metabolomic Profiles in Spontaneous Preterm Birth: Preliminary Results. Mediators of Inflammation, 2018, 2018, 1-13.	1.4	22
98	Characteristics, Properties, and Functionality of Fetal Membranes: An Overlooked Area in the Field of Parturition. , 2018, , 387-398.		2
99	Maternal human telomerase reverse transcriptase variants are associated with preterm labor and preterm premature rupture of membranes. PLoS ONE, 2018, 13, e0195963.	1.1	6
100	Proliferative, Migratory, and Transition Properties Reveal Metastate of Human Amnion Cells. American Journal of Pathology, 2018, 188, 2004-2015.	1.9	45
101	Oxidative stress-induced TGF-beta/TAB1-mediated p38MAPK activation in human amnion epithelial cells. Biology of Reproduction, 2018, 99, 1100-1112.	1.2	44
102	Regulation of p38 mitogen-activated kinase-mediated fetal membrane senescence by statins. American Journal of Reproductive Immunology, 2018, 80, e12999.	1.2	19
103	Placental Exosomes During Gestation: Liquid Biopsies Carrying Signals for the Regulation of Human Parturition. Current Pharmaceutical Design, 2018, 24, 974-982.	0.9	41
104	Redefining 3Dimensional placental membrane microarchitecture using multiphoton microscopy and optical clearing. Placenta, 2017, 53, 66-75.	0.7	34
105	Uterine tissue aging and adverse reproductive outcomes: New concepts, mechanisms, and markers. American Journal of Reproductive Immunology, 2017, 77, e12668.	1.2	4
106	Novel thoughts on preterm birth research proceedings of the 13th annual preterm birth international collaborative (PREBIC) meeting. Seminars in Perinatology, 2017, 41, 438-441.	1.1	4
107	Discovery and Characterization of Human Amniochorionic Membrane Microfractures. American Journal of Pathology, 2017, 187, 2821-2830.	1.9	61
108	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

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109	Preterm prelabor rupture of the membranes: A disease of the fetal membranes. <i>Seminars in Perinatology</i> , 2017, 41, 409-419.	1.1	193
110	Outcomes of Congenital Zika Disease Depend on Timing of Infection and Maternal-Fetal Interferon Action. <i>Cell Reports</i> , 2017, 21, 1588-1599.	2.9	83
111	Biomarkers of spontaneous preterm birth: a systematic review of studies using multiplex analysis. <i>Journal of Perinatal Medicine</i> , 2017, 45, 71-84.	0.6	36
112	Anti-inflammatory Elafin in human fetal membranes. <i>Journal of Perinatal Medicine</i> , 2017, 45, 237-244.	0.6	5
113	Programmed Fetal Membrane Senescence and Exosome-Mediated Signaling: A Mechanism Associated With Timing of Human Parturition. <i>Frontiers in Endocrinology</i> , 2017, 8, 196.	1.5	66
114	Oxygen tension regulates the miRNA profile and bioactivity of exosomes released from extravillous trophoblast cells – Liquid biopsies for monitoring complications of pregnancy. <i>PLoS ONE</i> , 2017, 12, e0174514.	1.1	98
115	Histologic chorioamnionitis does not modulate the oxidative stress and antioxidant status in pregnancies complicated by spontaneous preterm delivery. <i>BMC Pregnancy and Childbirth</i> , 2017, 17, 376.	0.9	13
116	Histological evidence of reparative activity in chorioamniotic membrane following open fetal surgery for myelomeningocele. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 3732-3736.	0.8	14
117	Feto-Maternal Trafficking of Exosomes in Murine Pregnancy Models. <i>Frontiers in Pharmacology</i> , 2016, 7, 432.	1.6	74
118	Novel concepts on pregnancy clocks and alarms: redundancy and synergy in human parturition. <i>Human Reproduction Update</i> , 2016, 22, 535-560.	5.2	196
119	Downregulation of peroxiredoxin-3 by hydrophobic bile acid induces mitochondrial dysfunction and cellular senescence in human trophoblasts. <i>Scientific Reports</i> , 2016, 6, 38946.	1.6	26
120	Differential senescence in feto-maternal tissues during mouse pregnancy. <i>Placenta</i> , 2016, 43, 26-34.	0.7	72
121	Positive and negative effects of cellular senescence during female reproductive aging and pregnancy. <i>Journal of Endocrinology</i> , 2016, 230, R59-R76.	1.2	38
122	An epigenetic clock for gestational age at birth based on blood methylation data. <i>Genome Biology</i> , 2016, 17, 206.	3.8	193
123	A Screen of FDA-Approved Drugs for Inhibitors of Zika Virus Infection. <i>Cell Host and Microbe</i> , 2016, 20, 259-270.	5.1	420
124	p38 Mitogen activated protein kinase (MAPK): a new therapeutic target for reducing the risk of adverse pregnancy outcomes. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 1397-1412.	1.5	47
125	Combinations and loads of bacteria affect the cytokine production by fetal membranes: An in vitro study. <i>American Journal of Reproductive Immunology</i> , 2016, 76, 504-511.	1.2	20
126	A Novel Role for SIRT3 in Regulating Mediators Involved in the Terminal Pathways of Human Labor and Delivery. <i>Biology of Reproduction</i> , 2016, 95, 95-95.	1.2	13

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127	Human fetal membranes at term: Dead tissue or signalers of parturition?. <i>Placenta</i> , 2016, 44, 1-5.	0.7	101
128	Mitochondrial role in adaptive response to stress conditions in preeclampsia. <i>Scientific Reports</i> , 2016, 6, 32410.	1.6	64
129	Mechanistic Differences Leading to Infectious and Sterile Inflammation. <i>American Journal of Reproductive Immunology</i> , 2016, 75, 505-518.	1.2	67
130	Placental telomere shortening in stillbirth: a sign of premature senescence?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 1283-1288.	0.7	39
131	Umbilical cord blood markers of oxidative stress in pregnancies complicated by preterm prelabor rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 1900-1910.	0.7	11
132	Amniotic fluid prostaglandin E2 in pregnancies complicated by preterm prelabor rupture of the membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 2915-2923.	0.7	11
133	High bisphenol A (BPA) concentration in the maternal, but not fetal, compartment increases the risk of spontaneous preterm delivery. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 3583-3589.	0.7	37
134	Oxidative stress damage-associated molecular signaling pathways differentiate spontaneous preterm birth and preterm premature rupture of the membranes. <i>Molecular Human Reproduction</i> , 2016, 22, 143-157.	1.3	132
135	Amnion-Epithelial-Cell-Derived Exosomes Demonstrate Physiologic State of Cell under Oxidative Stress. <i>PLoS ONE</i> , 2016, 11, e0157614.	1.1	102
136	Placental membrane aging and HMGB1 signaling associated with human parturition. <i>Aging</i> , 2016, 8, 216-230.	1.4	122
137	Environmental Pollutant Polybrominated Diphenyl Ether, a Flame Retardant, Induces Primary Amnion Cell Senescence. <i>American Journal of Reproductive Immunology</i> , 2015, 74, 398-406.	1.2	36
138	The Effect of Simvastatin on Infection-Induced Inflammatory Response of Human Fetal Membranes. <i>American Journal of Reproductive Immunology</i> , 2015, 74, 54-61.	1.2	16
139	Intraamniotic Inflammation in Women with Preterm Prelabor Rupture of Membranes. <i>PLoS ONE</i> , 2015, 10, e0133929.	1.1	83
140	Potential Peripartum Markers of Infectious-Inflammatory Complications in Spontaneous Preterm Birth. <i>BioMed Research International</i> , 2015, 2015, 1-13.	0.9	9
141	Screening of lysyl oxidase (LOX) and lysyl oxidase like (LOXL) enzyme expression and activity in preterm prelabor rupture of fetal membranes. <i>Journal of Perinatal Medicine</i> , 2015, 44, 99-109.	0.6	17
142	Does exposure to flame retardants increase the risk for preterm birth?. <i>Journal of Reproductive Immunology</i> , 2015, 107, 20-25.	0.8	38
143	DNA methylation provides insight into intergenerational risk for preterm birth in African Americans. <i>Epigenetics</i> , 2015, 10, 784-792.	1.3	47
144	Chorioamniotic membrane senescence: a signal for parturition?. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 359.e1-359.e16.	0.7	125

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145	Fetal DNA methylation of autism spectrum disorders candidate genes: association with spontaneous preterm birth. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, 533.e1-533.e9.	0.7	51
146	Regulation of fetal membrane inflammation: a critical step in reducing adverse pregnancy outcome. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 447-448.	0.7	31
147	Amniotic fluid markers of oxidative stress in pregnancies complicated by preterm prelabor rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 1250-1259.	0.7	16
148	Fetal Membranes: Potential Source of Preterm Birth Biomarkers. <i>Biomarkers in Disease</i> , 2015, , 483-529.	0.0	9
149	Cervical Microbiota in Women with Preterm Prelabor Rupture of Membranes. <i>PLoS ONE</i> , 2015, 10, e0126884.	1.1	55
150	Telomere Fragment Induced Amnion Cell Senescence: A Contributor to Parturition?. <i>PLoS ONE</i> , 2015, 10, e0137188.	1.1	74
151	HMGB1 Promotes a p38MAPK Associated Non-Infectious Inflammatory Response Pathway in Human Fetal Membranes. <i>PLoS ONE</i> , 2014, 9, e113799.	1.1	105
152	Preterm Birth and Its Long-Term Effects: Methylation to Mechanisms. <i>Biology</i> , 2014, 3, 498-513.	1.3	40
153	Proteomic Biomarkers for Spontaneous. <i>Reproductive Sciences</i> , 2014, 21, 283-295.	1.1	45
154	Microbial load of umbilical cord blood <i>Ureaplasma</i> species and <i>Mycoplasma hominis</i> in preterm prelabor rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2014, 27, 1627-1632.	0.7	21
155	Multivariate adaptive regression splines analysis to predict biomarkers of spontaneous preterm birth. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2014, 93, 382-391.	1.3	41
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