Samantha Sheller-Miller

List of Publications by Citations

28 papers	662 citations	15 h-index	25 g-index
29 ext. papers	946 ext. citations	4.3 avg, IF	4.52 L-index

#	Paper	IF	Citations
28	Amniotic Fluid Exosome Proteomic Profile Exhibits Unique Pathways of Term and Preterm Labor. *Endocrinology*, **2018**, 159, 2229-2240	4.8	65
27	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	4.2	57
26	Circulating Exosomal miRNA Profile During Term and Preterm Birth Pregnancies: A Longitudinal Study. *Endocrinology*, **2019**, 160, 249-275	4.8	54
25	Feto-Maternal Trafficking of Exosomes in Murine Pregnancy Models. *Frontiers in Pharmacology*, **2016**, 7, 432	5.6	49
24	Exosomes Cause Preterm Birth in Mice: Evidence for Paracrine Signaling in Pregnancy. *Scientific Reports*, **2019**, 9, 608	4.9	48
23	Amnion epithelial cell-derived exosomes induce inflammatory changes in uterine cells. *American Journal of Obstetrics and Gynecology*, **2018**, 219, 478.e1-478.e21	6.4	48
22	A distinct mechanism of senescence activation in amnion epithelial cells by infection, inflammation, and oxidative stress. *American Journal of Reproductive Immunology*, **2018**, 79, e12790	3.8	43
21	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	6.4	41
20	Quantitative Proteomics by SWATH-MS of Maternal Plasma Exosomes Determine Pathways Associated With Term and Preterm Birth. *Endocrinology*, **2019**, 160, 639-650	4.8	39
19	Discovery and Characterization of Human Amniochorionic Membrane Microfractures. *American Journal of Pathology*, **2017**, 187, 2821-2830	5.8	35
18	Oxidative stress induces p38MAPK-dependent senescence in the feto-maternal interface cells. *Placenta*, **2018**, 67, 15-23	3.4	31
17	The emerging role of exosomes as novel therapeutics: Biology, technologies, clinical applications, and the next. *American Journal of Reproductive Immunology*, **2021**, 85, e13329	3.8	22
16	Protein Profile Changes in Circulating Placental Extracellular Vesicles in Term and Preterm Births: A Longitudinal Study. *Endocrinology*, **2020**, 161,	4.8	19
15	Exosomal delivery of NF-B inhibitor delays LPS-induced preterm birth and modulates fetal immune cell profile in mouse models. *Science Advances*, **2021**, 7,	14.3	19
14	Oxidative stress-induced downregulation of glycogen synthase kinase 3 beta in fetal membranes promotes cellular senescence *Biology of Reproduction*, **2019**, 101, 1018-1030	3.9	18
13	Environmental pollutant induced cellular injury is reflected in exosomes from placental explants. *Placenta*, **2020**, 89, 42-49	3.4	11
12	Fetal membrane extracellular vesicle profiling reveals distinct pathways induced by infection and inflammation in vitro. *American Journal of Reproductive Immunology*, **2020**, 84, e13282	3.8	9

List of Publications

11	Extracellular vesicle mediated feto-maternal HMGB1 signaling induces preterm birth. *Lab on A Chip*, **2021**, 21, 1956-1973	7.2	9
10	Systematic review of p38 mitogen-activated kinase and its functional role in reproductive tissues. *American Journal of Reproductive Immunology*, **2018**, 80, e13047	3.8	9
9	Dexamethasone induces primary amnion epithelial cell senescence through telomere-P21 associated pathway *Biology of Reproduction*, **2019**, 100, 1605-1616	3.9	8
8	Microvesicles and exosomes released by amnion epithelial cells under oxidative stress cause inflammatory changes in uterine cells *Biology of Reproduction*, **2021**, 105, 464-480	3.9	6
7	Changes in mediators of pro-cell growth, senescence, and inflammation during murine gestation. *American Journal of Reproductive Immunology*, **2020**, 83, e13214	3.8	5
6	Isolation and characterization of human amniotic fluid-derived exosomes. *Methods in Enzymology*, **2020**, 645, 181-194	1.7	4
5	Characterizing the immune cell population in the human fetal membrane. *American Journal of Reproductive Immunology*, **2021**, 85, e13368	3.8	4
4	Development of a mouse model of ascending infection and preterm birth. *PLoS ONE*, **2021**, 16, e0260370	3.7	3
3	Extracellular vesicles from maternal uterine cells exposed to risk factors cause fetal inflammatory response. *Cell Communication and Signaling*, **2021**, 19, 100	7.5	3
2	Sodium Hydrogen Exchanger Regulatory Factor-1 (NHERF1) Regulates Fetal Membrane Inflammation. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	2
1	Differences in cord blood extracellular vesicle cargo in preterm and term births.. *American Journal of Reproductive Immunology*, **2022**, e13521	3.8	1