

Sebastian E Illanes

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

2,426
citations

25
h-index

48
g-index

74
ext. papers

2,974
ext. citations

3.7
avg, IF

4.99
L-index

#	Paper	IF	Citations
72	A gestational profile of placental exosomes in maternal plasma and their effects on endothelial cell migration. <i>PLoS ONE</i> , 2014 , 9, e98667	3.7	217
71	Placenta-derived exosomes continuously increase in maternal circulation over the first trimester of pregnancy. <i>Journal of Translational Medicine</i> , 2014 , 12, 204	8.5	214
70	Placental exosomes in normal and complicated pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2015 , 213, S173-81	6.4	210
69	Placental Exosomes as Early Biomarker of Preeclampsia: Potential Role of Exosomal MicroRNAs Across Gestation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 3182-3194	5.6	156
68	Gestational Diabetes Mellitus Is Associated With Changes in the Concentration and Bioactivity of Placenta-Derived Exosomes in Maternal Circulation Across Gestation. <i>Diabetes</i> , 2016 , 65, 598-609	0.9	148
67	Ovarian cancer cell invasiveness is associated with discordant exosomal sequestration of Let-7 miRNA and miR-200. <i>Journal of Translational Medicine</i> , 2014 , 12, 4	8.5	139
66	Metformin as a prevention and treatment for preeclampsia: effects on soluble fms-like tyrosine kinase 1 and soluble endoglin secretion and endothelial dysfunction. <i>American Journal of Obstetrics and Gynecology</i> , 2016 , 214, 356.e1-356.e15	6.4	121
65	Innate immune system and preeclampsia. <i>Frontiers in Immunology</i> , 2014 , 5, 244	8.4	79
64	Extravillous trophoblast cells-derived exosomes promote vascular smooth muscle cell migration. <i>Frontiers in Pharmacology</i> , 2014 , 5, 175	5.6	73
63	Care of the pregnant woman with coronavirus disease 2019 in labor and delivery: anesthesia, emergency cesarean delivery, differential diagnosis in the acutely ill parturient, care of the newborn, and protection of the healthcare personnel. <i>American Journal of Obstetrics and Gynecology</i> , 2020 , 223, 66-74.e3	6.4	72
62	Erythropoietin induces bone marrow and plasma fibroblast growth factor 23 during acute kidney injury. <i>Kidney International</i> , 2018 , 93, 1131-1141	9.9	67
61	Pathogenesis of preeclampsia: the genetic component. <i>Journal of Pregnancy</i> , 2012 , 2012, 632732	2.5	64
60	TORCH test for fetal medicine indications: only CMV is necessary in the United Kingdom. <i>Prenatal Diagnosis</i> , 2005 , 25, 1028-31	3.2	64
59	The promising potential of menstrual stem cells for antenatal diagnosis and cell therapy. <i>Frontiers in Immunology</i> , 2014 , 5, 205	8.4	56
58	Fetal programming and gestational diabetes mellitus. <i>Placenta</i> , 2016 , 48 Suppl 1, S54-S60	3.4	55
57	The immunosuppressive signature of menstrual blood mesenchymal stem cells entails opposite effects on experimental arthritis and graft versus host diseases. <i>Stem Cells</i> , 2016 , 34, 456-69	5.8	49
56	Placental Aromatase Is Deficient in Placental Ischemia and Preeclampsia. <i>PLoS ONE</i> , 2015 , 10, e0139682	3.7	39

55	Mechanisms and evidence of vertical transmission of infections in pregnancy including SARS-CoV-2s. <i>Prenatal Diagnosis</i> , 2020 , 40, 1655-1670	3.2	34
54	First trimester prediction of early onset preeclampsia using demographic, clinical, and sonographic data: a cohort study. <i>Prenatal Diagnosis</i> , 2013 , 33, 732-6	3.2	31
53	The Crosstalk between Ovarian Cancer Stem Cell Niche and the Tumor Microenvironment. <i>Stem Cells International</i> , 2017 , 2017, 5263974	5	29
52	Prediction of gestational diabetes early in pregnancy: targeting the long-term complications. <i>Gynecologic and Obstetric Investigation</i> , 2014 , 77, 145-9	2.5	28
51	Fetal evaluation of the modified-myocardial performance index in pregnancies complicated by diabetes. <i>Prenatal Diagnosis</i> , 2012 , 32, 943-8	3.2	27
50	Low 2-methoxyestradiol levels at the first trimester of pregnancy are associated with the development of pre-eclampsia. <i>Prenatal Diagnosis</i> , 2012 , 32, 1053-8	3.2	25
49	Metabolic pathways involved in 2-methoxyestradiol synthesis and their role in preeclampsia. <i>Reproductive Sciences</i> , 2013 , 20, 1020-9	3	25
48	Management of red cell alloimmunisation in pregnancy: the non-invasive monitoring of the disease. <i>Prenatal Diagnosis</i> , 2010 , 30, 668-73	3.2	25
47	NFAT5 is activated by hypoxia: role in ischemia and reperfusion in the rat kidney. <i>PLoS ONE</i> , 2012 , 7, e39665	3.7	23
46	Management of fetal growth restriction. <i>Seminars in Fetal and Neonatal Medicine</i> , 2004 , 9, 395-401	3.7	22
45	Levels of key enzymes of methionine-homocysteine metabolism in preeclampsia. <i>BioMed Research International</i> , 2013 , 2013, 731962	3	19
44	Plasma cross-gestational sphingolipidomic analyses reveal potential first trimester biomarkers of preeclampsia. <i>PLoS ONE</i> , 2017 , 12, e0175118	3.7	19
43	Placental biomarkers and angiogenic factors in oral fluids of patients with preeclampsia. <i>Prenatal Diagnosis</i> , 2016 , 36, 476-82	3.2	19
42	Intrauterine growth restriction modifies the normal gene expression in kidney from rabbit fetuses. <i>Early Human Development</i> , 2012 , 88, 899-904	2.2	17
41	First trimester prediction of gestational diabetes mellitus using plasma biomarkers: a case-control study. <i>Journal of Perinatal Medicine</i> , 2019 , 47, 161-168	2.7	17
40	Noninvasive approach for the management of hemolytic disease of the fetus. <i>Expert Review of Hematology</i> , 2009 , 2, 577-82	2.8	16
39	Oral extracellular vesicles in early pregnancy can identify patients at risk of developing gestational diabetes mellitus. <i>PLoS ONE</i> , 2019 , 14, e0218616	3.7	15
38	Small Extracellular Vesicles Released from Ovarian Cancer Spheroids in Response to Cisplatin Promote the Pro-Tumorigenic Activity of Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	15

37	Jumonji Domain Containing Protein 6 Is Decreased in Human Preeclamptic Placentas and Regulates sFLT-1 Splice Variant Production. <i>Biology of Reproduction</i> , 2016 , 94, 59	3.9	14
36	NFAT5 Is Up-Regulated by Hypoxia: Possible Implications in Preeclampsia and Intrauterine Growth Restriction. <i>Biology of Reproduction</i> , 2015 , 93, 14	3.9	14
35	Patients with acute cervical insufficiency without intra-amniotic infection/inflammation treated with cerclage have a good prognosis. <i>Journal of Perinatal Medicine</i> , 2019 , 47, 500-509	2.7	12
34	Maternal plasma concentrations of the placental specific sFLT-1 variant, sFLT-1 e15a, in fetal growth restriction and preeclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017 , 30, 635-639 ²		11
33	Applying SWATH Mass Spectrometry to Investigate Human Cervicovaginal Fluid During the Menstrual Cycle. <i>Biology of Reproduction</i> , 2015 , 93, 39	3.9	11
32	Early pregnancy levels of gingival crevicular fluid matrix metalloproteinases-8 and -9 are associated with the severity of periodontitis and the development of gestational diabetes mellitus. <i>Journal of Periodontology</i> , 2021 , 92, 205-215	4.6	11
31	Preterm labour: association between labour physiology, tocolysis and prevention. <i>Expert Opinion on Investigational Drugs</i> , 2014 , 23, 759-71	5.9	10
30	Impairment of Angiogenic Sphingosine Kinase-1/Sphingosine-1-Phosphate Receptors Pathway in Preeclampsia. <i>PLoS ONE</i> , 2016 , 11, e0157221	3.7	10
29	Circulating cord blood HDL-S1P complex preserves the integrity of the fetoplacental vasculature. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020 , 1865, 158632	5	9
28	Effects of earthquake on perinatal outcomes: A Chilean register-based study. <i>PLoS ONE</i> , 2018 , 13, e0191340	3.40	9
27	Maternal serum alpha-fetoprotein, fetal middle cerebral artery blood flow velocity and fetal haemoglobin in pregnancies at risk of fetal anaemia. <i>Prenatal Diagnosis</i> , 2006 , 26, 101-4	3.2	9
26	Reduced FOXM1 Expression Limits Trophoblast Migration and Angiogenesis and Is Associated With Preeclampsia. <i>Reproductive Sciences</i> , 2019 , 26, 580-590	3	8
25	Gestational diabetes mellitus: a positive predictor of type 2 diabetes?. <i>International Journal of Endocrinology</i> , 2012 , 2012, 721653	2.7	8
24	Maternal serum transformed alpha-fetoprotein levels in women with intrauterine growth retardation. <i>Fetal Diagnosis and Therapy</i> , 2007 , 22, 294-8	2.4	7
23	Periodontitis and placental growth factor in oral fluids are early pregnancy predictors of gestational diabetes mellitus. <i>Journal of Periodontology</i> , 2018 , 89, 1052-1060	4.6	7
22	Normality Ranges of Menstrual Fluid Volume During Reproductive Life Using Direct Quantification of Menses with Vaginal Cups. <i>Gynecologic and Obstetric Investigation</i> , 2019 , 84, 390-395	2.5	6
21	Fas ligand(+) fallopian tube epithelium induces apoptosis in both Fas receptor(+) T lymphocytes and endometrial cells. <i>Fertility and Sterility</i> , 2013 , 100, 550-60.e3	4.8	5
20	Nitric oxide synthase and changes in oxidative stress levels in embryonic kidney observed in a rabbit model of intrauterine growth restriction. <i>Prenatal Diagnosis</i> , 2016 , 36, 628-35	3.2	5

19	Oxidative damage and nitric oxide synthase induction by surgical uteroplacental circulation restriction in the rabbit fetal heart. <i>Prenatal Diagnosis</i> , 2017 , 37, 453-459	3.2	4
18	Increased Circulating Levels of Tissue-Type Plasminogen Activator Are Associated with the Risk of Spontaneous Abortion During the First Trimester of Pregnancy. <i>Diagnostics</i> , 2020 , 10,	3.8	4
17	Correlation between Maternal Characteristics during Early Pregnancy, Fetal Growth Rate and Newborn Weight in Healthy Pregnancies. <i>Gynecologic and Obstetric Investigation</i> , 2016 , 81, 202-6	2.5	4
16	A reasoned approach towards administering COVID-19 vaccines to pregnant women. <i>Prenatal Diagnosis</i> , 2021 , 41, 1018-1035	3.2	3
15	The Role of Long Non-Coding RNAs in Trophoblast Regulation in Preeclampsia and Intrauterine Growth Restriction. <i>Genes</i> , 2021 , 12,	4.2	3
14	Diagnostic Performance of First Trimester Screening of Preeclampsia Based on Uterine Artery Pulsatility Index and Maternal Risk Factors in Routine Clinical Use. <i>Diagnostics</i> , 2020 , 10,	3.8	2
13	Ultrasound-Guided Extraction of Intrauterine Devices With Nonvisible Threads: 254 Consecutive Cases: An Effective, Noninvasive Technique. <i>Journal of Ultrasound in Medicine</i> , 2019 , 38, 3073-3077	2.9	1
12	Angiogenic Properties of Menstrual Stem Cells Are Impaired in Women with a History of Preeclampsia. <i>Stem Cells International</i> , 2019 , 2019, 1916542	5	1
11	Maternal and fetal serum transformed alpha-fetoprotein levels in normal pregnancy. <i>Journal of Obstetrics and Gynaecology Research</i> , 2009 , 35, 271-6		1
10	Circulating syndecan-1 is reduced in pregnancies with poor fetal growth and its secretion regulated by matrix metalloproteinases and the mitochondria. <i>Scientific Reports</i> , 2021 , 11, 16595	4.9	1
9	Increased Circulating Levels of PCSK9 and Pro-Atherogenic Lipoprotein Profile in Pregnant Women with Maternal Supraphysiological Hypercholesterolemia. <i>Antioxidants</i> , 2022 , 11, 869	7.1	1
8	Development and analytical validation of real-time PCR for the detection of <i>Streptococcus agalactiae</i> in pregnant women. <i>BMC Pregnancy and Childbirth</i> , 2020 , 20, 352	3.2	0
7	Maternal exposure to a high-magnitude earthquake during pregnancy influences pre-reading skills in early childhood. <i>Scientific Reports</i> , 2021 , 11, 9244	4.9	0
6	Routine screening for SARS CoV-2 in unselected pregnant women at delivery 2020 , 15, e0239887		
5	Routine screening for SARS CoV-2 in unselected pregnant women at delivery 2020 , 15, e0239887		
4	Routine screening for SARS CoV-2 in unselected pregnant women at delivery 2020 , 15, e0239887		
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1 Routine screening for SARS CoV-2 in unselected pregnant women at delivery **2020**, 15, e0239887