

# Sebastian E Illanes

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

3,453  
citations

201575

27  
h-index

143943

57  
g-index

74  
all docs

74  
docs citations

74  
times ranked

4941  
citing authors

#	ARTICLE	IF	CITATIONS
1	Placenta-derived exosomes continuously increase in maternal circulation over the first trimester of pregnancy. <i>Journal of Translational Medicine</i> , 2014, 12, 204.	1.8	321
2	A Gestational Profile of Placental Exosomes in Maternal Plasma and Their Effects on Endothelial Cell Migration. <i>PLoS ONE</i> , 2014, 9, e98667.	1.1	302
3	Placental exosomes in normal and complicated pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, S173-S181.	0.7	285
4	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.	1.8	224
5	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.	0.3	221
6	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.	1.8	177
7	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.	0.7	156
8	Extravillous trophoblast cells-derived exosomes promote vascular smooth muscle cell migration. <i>Frontiers in Pharmacology</i> , 2014, 5, 175.	1.6	115
9	Innate Immune System and Preeclampsia. <i>Frontiers in Immunology</i> , 2014, 5, 244.	2.2	115
10	Pathogenesis of Preeclampsia: The Genetic Component. <i>Journal of Pregnancy</i> , 2012, 2012, 1-8.	1.1	105
11	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.	0.7	104
12	Erythropoietin induces bone marrow and plasma fibroblast growth factor 23 during acute kidney injury. <i>Kidney International</i> , 2018, 93, 1131-1141.	2.6	81
13	TORCH test for fetal medicine indications: only CMV is necessary in the United Kingdom. <i>Prenatal Diagnosis</i> , 2005, 25, 1028-1031.	1.1	75
14	Fetal programming and gestational diabetes mellitus. <i>Placenta</i> , 2016, 48, S54-S60.	0.7	72
15	The Promising Potential of Menstrual Stem Cells for Antenatal Diagnosis and Cell Therapy. <i>Frontiers in Immunology</i> , 2014, 5, 205.	2.2	71
16	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, 456-469.	1.4	69
17	Placental Aromatase Is Deficient in Placental Ischemia and Preeclampsia. <i>PLoS ONE</i> , 2015, 10, e0139682.	1.1	56
18	Mechanisms and evidence of vertical transmission of infections in pregnancy including SARS-CoV-2s. <i>Prenatal Diagnosis</i> , 2020, 40, 1655-1670.	1.1	53

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19	First trimester prediction of early onset preeclampsia using demographic, clinical, and sonographic data: a cohort study. <i>Prenatal Diagnosis</i> , 2013, 33, 732-736.	1.1	39
20	First trimester prediction of gestational diabetes mellitus using plasma biomarkers: a case-control study. <i>Journal of Perinatal Medicine</i> , 2019, 47, 161-168.	0.6	35
21	Fetal evaluation of the modified myocardial performance index in pregnancies complicated by diabetes. <i>Prenatal Diagnosis</i> , 2012, 32, 943-948.	1.1	33
22	The Crosstalk between Ovarian Cancer Stem Cell Niche and the Tumor Microenvironment. <i>Stem Cells International</i> , 2017, 2017, 1-8.	1.2	33
23	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, 4972.	1.8	33
24	Metabolic Pathways Involved in 2-Methoxyestradiol Synthesis and Their Role in Preeclampsia. <i>Reproductive Sciences</i> , 2013, 20, 1020-1029.	1.1	32
25	NFAT5 Is Activated by Hypoxia: Role in Ischemia and Reperfusion in the Rat Kidney. <i>PLoS ONE</i> , 2012, 7, e39665.	1.1	32
26	Prediction of Gestational Diabetes Early in Pregnancy: Targeting the Long-Term Complications. <i>Gynecologic and Obstetric Investigation</i> , 2014, 77, 145-149.	0.7	31
27	Management of fetal growth restriction. <i>Seminars in Fetal and Neonatal Medicine</i> , 2004, 9, 395-401.	1.1	29
28	Management of red cell alloimmunisation in pregnancy: the non-invasive monitoring of the disease. <i>Prenatal Diagnosis</i> , 2010, 30, 668-673.	1.1	29
29	Plasma cross-gestational sphingolipidomic analyses reveal potential first trimester biomarkers of preeclampsia. <i>PLoS ONE</i> , 2017, 12, e0175118.	1.1	29
30	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.	0.6	28
31	Low 2-methoxyestradiol levels at the first trimester of pregnancy are associated with the development of preeclampsia. <i>Prenatal Diagnosis</i> , 2012, 32, 1053-1058.	1.1	27
32	Effects of earthquake on perinatal outcomes: A Chilean register-based study. <i>PLoS ONE</i> , 2018, 13, e0191340.	1.1	26
33	Oral extracellular vesicles in early pregnancy can identify patients at risk of developing gestational diabetes mellitus. <i>PLoS ONE</i> , 2019, 14, e0218616.	1.1	26
34	Placental biomarkers and angiogenic factors in oral fluids of patients with preeclampsia. <i>Prenatal Diagnosis</i> , 2016, 36, 476-482.	1.1	25
35	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.	1.7	25
36	Levels of Key Enzymes of Methionine-Homocysteine Metabolism in Preeclampsia. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	23

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37	Noninvasive approach for the management of hemolytic disease of the fetus. <i>Expert Review of Hematology</i> , 2009, 2, 577-582.	1.0	22
38	Intrauterine growth restriction modifies the normal gene expression in kidney from rabbit fetuses. <i>Early Human Development</i> , 2012, 88, 899-904.	0.8	19
39	Impairment of Angiogenic Sphingosine Kinase-1/Sphingosine-1-Phosphate Receptors Pathway in Preeclampsia. <i>PLoS ONE</i> , 2016, 11, e0157221.	1.1	19
40	NFAT5 Is Up-Regulated by Hypoxia: Possible Implications in Preeclampsia and Intrauterine Growth Restriction. <i>Biology of Reproduction</i> , 2015, 93, 14.	1.2	18
41	Gestational Diabetes Mellitus: A Positive Predictor of Type 2 Diabetes?. <i>International Journal of Endocrinology</i> , 2012, 2012, 1-10.	0.6	17
42	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.	1.2	17
43	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.	1.7	17
44	Reduced FOXM1 Expression Limits Trophoblast Migration and Angiogenesis and Is Associated With Preeclampsia. <i>Reproductive Sciences</i> , 2019, 26, 580-590.	1.1	14
45	The Role of Long Non-Coding RNAs in Trophoblast Regulation in Preeclampsia and Intrauterine Growth Restriction. <i>Genes</i> , 2021, 12, 970.	1.0	14
46	Applying SWATH Mass Spectrometry to Investigate Human Cervicovaginal Fluid During the Menstrual Cycle. <i>Biology of Reproduction</i> , 2015, 93, 39.	1.2	13
47	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.	0.7	13
48	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, 101-104.	1.1	12
49	Maternal Serum Transformed $\hat{\pm}$ -Fetoprotein Levels in Women with Intrauterine Growth Retardation. <i>Fetal Diagnosis and Therapy</i> , 2007, 22, 294-298.	0.6	11
50	Preterm labour: association between labour physiology, tocolysis and prevention. <i>Expert Opinion on Investigational Drugs</i> , 2014, 23, 759-771.	1.9	11
51	Circulating cord blood HDL-S1P complex preserves the integrity of the feto-placental vasculature. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158632.	1.2	11
52	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.	0.7	9
53	A reasoned approach towards administering COVID-19 vaccines to pregnant women. <i>Prenatal Diagnosis</i> , 2021, 41, 1018-1035.	1.1	9
54	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, 197.	1.3	7

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55	Maternal and fetal serum transformed alpha-fetoprotein levels in normal pregnancy. <i>Journal of Obstetrics and Gynaecology Research</i> , 2009, 35, 271-276.	0.6	6
56	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, 628-635.	1.1	6
57	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.	1.1	6
58	Fas ligand+ fallopian tube epithelium induces apoptosis in both Fas receptor+ T lymphocytes and endometrial cells. <i>Fertility and Sterility</i> , 2013, 100, 550-560.e3.	0.5	5
59	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.	0.9	5
60	Gingival Crevicular Placental Alkaline Phosphatase Is an Early Pregnancy Biomarker for Pre-Eclampsia. <i>Diagnostics</i> , 2021, 11, 661.	1.3	5
61	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.	1.6	5
62	Correlation between Maternal Characteristics during Early Pregnancy, Fetal Growth Rate and Newborn Weight in Healthy Pregnancies. <i>Gynecologic and Obstetric Investigation</i> , 2016, 81, 202-206.	0.7	4
63	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, 182.	1.3	4
64	Angiogenic Properties of Menstrual Stem Cells Are Impaired in Women with a History of Preeclampsia. <i>Stem Cells International</i> , 2019, 2019, 1-12.	1.2	3
65	Maternal exposure to a high-magnitude earthquake during pregnancy influences pre-reading skills in early childhood. <i>Scientific Reports</i> , 2021, 11, 9244.	1.6	3
66	Increased Circulating Levels of PCSK9 and Pro-Atherogenic Lipoprotein Profile in Pregnant Women with Maternal Supraphysiological Hypercholesterolemia. <i>Antioxidants</i> , 2022, 11, 869.	2.2	2
67	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.	0.8	1
68	Routine screening for SARS CoV-2 in unselected pregnant women at delivery. , 2020, 15, e0239887.		0
69	Routine screening for SARS CoV-2 in unselected pregnant women at delivery. , 2020, 15, e0239887.		0
70	Routine screening for SARS CoV-2 in unselected pregnant women at delivery. , 2020, 15, e0239887.		0
71	Routine screening for SARS CoV-2 in unselected pregnant women at delivery. , 2020, 15, e0239887.		0
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73	Routine screening for SARS CoV-2 in unselected pregnant women at delivery. , 2020, 15, e0239887.		0