

Gaudalupe Estrada-Gutiérrez

List of Publications by Year in descending order

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papers

1,747
citations

304701

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345203

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97
docs citations

97
times ranked

2502
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical characteristics and risk factors for SARS-CoV-2 infection in pregnant women attending a third level reference center in Mexico City. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 5927-5931.	1.5	6
2	Early childhood fluoride exposure and preadolescent kidney function. Environmental Research, 2022, 204, 112014.	7.5	5
3	Maternal haemoglobin levels in pregnancy and child DNA methylation: a study in the pregnancy and childhood epigenetics consortium. Epigenetics, 2022, 17, 19-31.	2.7	3
4	Comorbidity, poverty and social vulnerability as risk factors for mortality in pregnant women with confirmed <scp>SARSâ€CoV</scp>â€2 infection: analysis of 13â€%062 positive pregnancies including 176 maternal deaths in Mexico. Ultrasound in Obstetrics and Gynecology, 2022, 59, 76-82.	1.7	17
5	Prenatal lead exposure, telomere length in cord blood, and DNA methylation age in the PROGRESS prenatal cohort. Environmental Research, 2022, 205, 112577.	7.5	11
6	Maternal Death by COVID-19 Associated with Elevated Troponin T Levels. Viruses, 2022, 14, 271.	3.3	5
7	miR-21 differentially regulates IL-1 β and IL-10 expression in human decidual cells infected with streptococcus B. Reproductive Biology, 2022, 22, 100604.	1.9	9
8	Vitamin D Deficiency, Excessive Gestational Weight Gain, and Oxidative Stress Predict Small for Gestational Age Newborns Using an Artificial Neural Network Model. Antioxidants, 2022, 11, 574.	5.1	2
9	Plasma Total Antioxidant Capacity and Carbonylated Proteins Are Increased in Pregnant Women with Severe COVID-19. Viruses, 2022, 14, 723.	3.3	4
10	Intensive Medical Nutrition Therapy Alone or with Added Metformin to Prevent Gestational Diabetes Mellitus among High-Risk Mexican Women: A Randomized Clinical Trial. Nutrients, 2022, 14, 62.	4.1	2
11	Resistin Modulates Low-Density Lipoprotein Cholesterol Uptake in Human Placental Explants via PCSK9. Reproductive Sciences, 2022, 29, 3242-3253.	2.5	6
12	sFlt-1 Is an Independent Predictor of Adverse Maternal Outcomes in Women With SARS-CoV-2 Infection and Hypertensive Disorders of Pregnancy. Frontiers in Medicine, 2022, 9, .	2.6	5
13	Neonatal Antibiotic Treatment Can Affect Stool Pattern and Oral Tolerance in Preterm Infants. Life, 2022, 12, 1043.	2.4	0
14	Prenatal and early childhood critical windows for the association of nephrotoxic metal and metalloid mixtures with kidney function. Environment International, 2022, 166, 107361.	10.0	17
15	Molecular Insights into the Thrombotic and Microvascular Injury in Placental Endothelium of Women with Mild or Severe COVID-19. Cells, 2021, 10, 364.	4.1	33
16	Effect of the Cut-Off Level for Thyroid-Stimulating Hormone on the Prevalence of Subclinical Hypothyroidism among Infertile Mexican Women. Diagnostics, 2021, 11, 417.	2.6	3
17	Prevalence, clinical features, and outcomes of SARS-CoV-2 infection in pregnant women with or without mild/moderate symptoms: Results from universal screening in a tertiary care center in Mexico City, Mexico. PLoS ONE, 2021, 16, e0249584.	2.5	37
18	Exosomal miRNAs in urine associated with children's cardiorenal parameters: a cross-sectional study. Epigenomics, 2021, 13, 499-512.	2.1	3

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19	Vitamin D Status and Its Determinants in Mexican Pregnant Women from a Rural and an Urban Area: A Comparative Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4571.	2.6	4
20	Prevalence of Depression, Anxiety, and Perceived Stress in Postpartum Mexican Women during the COVID-19 Lockdown. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4627.	2.6	48
21	Diet Quality Is Associated with a High Newborn Size and Reduction in the Risk of Low Birth Weight and Small for Gestational Age in a Group of Mexican Pregnant Women: An Observational Study. <i>Nutrients</i> , 2021, 13, 1853.	4.1	5
22	Assessing the Effects of Metal Mixtures in Urine and Blood on Kidney Function. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
23	Critical windows of perinatal particulate matter (PM2.5) exposure and preadolescent kidney function. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
24	Prenatal lead exposure, telomere length in cord blood and DNA methylation age in the PROGRESS cohort. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
25	Nephrotoxic Metal Mixtures and Preadolescent Kidney Function. <i>Children</i> , 2021, 8, 673.	1.5	5
26	Prenatal blood lead levels and reduced preadolescent glomerular filtration rate: Modification by body mass index. <i>Environment International</i> , 2021, 154, 106414.	10.0	10
27	COVID-19 Infection in Pregnancy: PCR Cycle Thresholds, Placental Pathology, and Perinatal Outcomes. <i>Viruses</i> , 2021, 13, 1884.	3.3	14
28	Novel Ratio Soluble Fms-like Tyrosine Kinase-1/Angiotensin-II (sFlt-1/ANG-II) in Pregnant Women Is Associated with Critical Illness in COVID-19. <i>Viruses</i> , 2021, 13, 1906.	3.3	23
29	Evidence of possible <scp>SARSâ€CoV</scp>â€2 vertical transmission according to World Health Organization criteria in asymptomatic pregnant women. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 900-908.	1.7	16
30	Gestational Weight Gain Influences the Adipokine-Oxidative Stress Association during Pregnancy. <i>Obesity Facts</i> , 2021, 14, 604-612.	3.4	9
31	Increased levels of soluble fmsâ€like tyrosine kinaseâ€1 are associated with adverse outcomes in pregnant women with COVID â€19. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, , .	1.7	13
32	Mitochondrial DNA Copy Number Adaptation as a Biological Response Derived from an Earthquake at Intrauterine Stage. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11771.	2.6	3
33	Prolactin selectively inhibits the LPS-induced chemokine secretion of human foetal membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 4083-4089.	1.5	6
34	Battle of epigenetic proportions: comparing Illuminaâ€™s EPIC methylation microarrays and TruSeq targeted bisulfite sequencing. <i>Epigenetics</i> , 2020, 15, 174-182.	2.7	26
35	Early-Life Dietary Cadmium Exposure and Kidney Function in 9-Year-Old Children from the PROGRESS Cohort. <i>Toxics</i> , 2020, 8, 83.	3.7	10
36	Reference Percentiles and Changes over Time for Total Thyroxine in Preterm Infants: A Retrospective Cohort Study. <i>Diagnostics</i> , 2020, 10, 475.	2.6	4

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37	Nutrients, Mitochondrial Function, and Perinatal Health. <i>Nutrients</i> , 2020, 12, 2166.	4.1	23
38	Expression of Membrane Progesterone Receptors in Eutopic and Ectopic Endometrium of Women with Endometriosis. <i>BioMed Research International</i> , 2020, 2020, 1-7.	1.9	20
39	Vitamin D Deficiency in Mexican Pregnant Women: Is Supplementation with 400 IU/day Enough?. <i>Nutrients</i> , 2020, 12, 2517.	4.1	6
40	Intervention during the first 1000 days in Mexico. <i>Nutrition Reviews</i> , 2020, 78, 80-90.	5.8	5
41	Prenatal lead exposure and cord blood DNA methylation in PROGRESS: an epigenome-wide association study. <i>Environmental Epigenetics</i> , 2020, 6, dvaa014.	1.8	14
42	The sFlt-1/PlGF ratio as a triage tool to identify superimposed preeclampsia in women with chronic hypertension in emergency rooms. <i>Pregnancy Hypertension</i> , 2020, 21, 38-42.	1.4	11
43	Placental Microarray Profiling Reveals Common mRNA and lncRNA Expression Patterns in Preeclampsia and Intrauterine Growth Restriction. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3597.	4.1	32
44	Parameters of Oxidative Stress in Reproductive and Postmenopausal Mexican Women. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1492.	2.6	13
45	Modification of the effects of prenatal manganese exposure on child neurodevelopment by maternal anemia and iron deficiency. <i>Pediatric Research</i> , 2020, 88, 325-333.	2.3	15
46	Critical windows of prenatal and early life exposure to toxic metals and early childhood kidney function. <i>ISEE Conference Abstracts</i> , 2020, 2020, .	0.0	1
47	Isolation of Viable Adipocytes and Stromal Vascular Fraction from Human Visceral Adipose Tissue Suitable for RNA Analysis and Macrophage Phenotyping. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	0
48	Initial management of primary postpartum hemorrhage: a survey. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 34, 1-7.	1.5	5
49	Syncytiotrophoblast of Placentae from Women with Zika Virus Infection Has Altered Tight Junction Protein Expression and Increased Paracellular Permeability. <i>Cells</i> , 2019, 8, 1174.	4.1	45
50	Prenatal manganese and cord blood mitochondrial DNA copy number: Effect modification by maternal anemic status. <i>Environment International</i> , 2019, 126, 484-493.	10.0	28
51	Prenatal Metal Concentrations and Childhood Cardiometabolic Risk Using Bayesian Kernel Machine Regression to Assess Mixture and Interaction Effects. <i>Epidemiology</i> , 2019, 30, 263-273.	2.7	62
52	Altered cord blood mitochondrial DNA content and pregnancy lead exposure in the PROGRESS cohort. <i>Environment International</i> , 2019, 125, 437-444.	10.0	27
53	<p><p>Perinatal Outcomes in Mexican Women with Untreated Mild Gestational Diabetes Mellitus Diagnosed by the International Association of Diabetes and Pregnancy Study Groups Criteria</p><p>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2019, Volume 12, 2667-2674.	2.4	7
54	Sensitivity of fasting glucose for gestational diabetes mellitus screening in Mexican adolescents based on International Association of Diabetes and Pregnancy Study Groups criteria: a diagnostic accuracy study based on retrospective data analysis. <i>BMJ Open</i> , 2018, 8, e021617.	1.9	8

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55	Progesterone suppresses the lipopolysaccharide-induced pro-inflammatory response in primary mononuclear cells isolated from human placental blood. <i>Immunological Investigations</i> , 2018, 47, 181-195.	2.0	9
56	Reference intervals for hemoglobin A1c (HbA1c) in healthy Mexican pregnant women: a cross-sectional study. <i>BMC Pregnancy and Childbirth</i> , 2018, 18, 424.	2.4	13
57	Key Clinical Factors Predicting Adipokine and Oxidative Stress Marker Concentrations among Normal, Overweight and Obese Pregnant Women Using Artificial Neural Networks. <i>International Journal of Molecular Sciences</i> , 2018, 19, 86.	4.1	14
58	Macrophage Populations in Visceral Adipose Tissue from Pregnant Women: Potential Role of Obesity in Maternal Inflammation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1074.	4.1	12
59	Decidualization Mediated by Steroid Hormones Modulates the Innate Immunity in Response to Group B Streptococcal Infection in vitro. <i>Gynecologic and Obstetric Investigation</i> , 2017, 82, 592-600.	1.6	7
60	Selective immuno-modulatory effect of prolactin upon pro-inflammatory response in human fetal membranes. <i>Journal of Reproductive Immunology</i> , 2017, 123, 58-64.	1.9	21
61	New Insights into the Role of Matrix Metalloproteinases in Preeclampsia. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1448.	4.1	82
62	Maternal and Fetal Lipid and Adipokine Profiles and Their Association with Obesity. <i>International Journal of Endocrinology</i> , 2016, 2016, 1-7.	1.5	14
63	Association of obesity and overweight with the prevalence of insulin resistance, pre-diabetes and clinical "biochemical characteristics among infertile Mexican women with polycystic ovary syndrome: a cross-sectional study. <i>BMJ Open</i> , 2016, 6, e012107.	1.9	29
64	Progesterone suppresses the lipopolysaccharide-induced inflammatory response in mononuclear cells isolated from human term placenta. <i>Placenta</i> , 2016, 45, 91.	1.5	0
65	A multimodal imaging workflow to visualize metal mixtures in the human placenta and explore colocalization with biological response markers. <i>Metallomics</i> , 2016, 8, 444-452.	2.4	18
66	In vitro progesterone modulation on bacterial endotoxin-induced production of IL-1 β , TNF α , IL-6, IL-8, IL-10, MIP-1 α , and MMP-9 in pre-labor human term placenta. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 115.	3.3	30
67	Evidence of an immunosuppressive effect of progesterone upon <i>in vitro</i> secretion of proinflammatory and prodegradative factors in a model of choriodecidual infection. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2015, 122, 1798-1807.	2.3	18
68	Matrix Metalloproteinase-3 (MMP-3) Is an Endogenous Activator of the MMP-9 Secreted by Placental Leukocytes: Implication in Human Labor. <i>PLoS ONE</i> , 2015, 10, e0145366.	2.5	14
69	Galectin-1 reduced the effect of LPS on the IL-6 production in decidual cells by inhibiting LPS on the stimulation of β 1 α . <i>Journal of Reproductive Immunology</i> , 2015, 112, 46-52.	1.9	19
70	Progesterone Elicits an Inhibitory Effect upon LPS-Induced Innate Immune Response in Pre-Labor Human Amniotic Epithelium. <i>American Journal of Reproductive Immunology</i> , 2014, 71, 61-72.	1.2	37
71	Tissue-specific IL-10 secretion profile from term human fetal membranes stimulated with pathogenic microorganisms associated with preterm labor in a two-compartment tissue culture system. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2014, 27, 1320-1327.	1.5	21
72	The apoptotic pathway in fertile and subfertile men: a case-control and prospective study to examine the impact of merocyanine 540 bodies on ejaculated spermatozoa. <i>Fertility and Sterility</i> , 2013, 99, 1242-1248.	1.0	8

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73	DNA Methylation is Altered in Maternal Blood Vessels of Women With Preeclampsia. <i>Reproductive Sciences</i> , 2012, 19, 1332-1342.	2.5	38
74	Tissue-specific human beta-defensins (HBD)-1, HBD-2 and HBD-3 secretion profile from human amniochorionic membranes stimulated with <i>Candida albicans</i> in a two-compartment tissue culture system. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 70.	3.3	21
75	PP134. l-Arginine supplementation induces the expression of genes related to antioxidant defense in cultures of human vascular endothelial cells: Protective role for preeclampsia. <i>Pregnancy Hypertension</i> , 2012, 2, 311-312.	1.4	0
76	Preeclampsia Is Associated with Alterations in DNA Methylation of Genes Involved in Collagen Metabolism. <i>American Journal of Pathology</i> , 2012, 181, 1455-1463.	3.8	29
77	Preserved Ex Vivo Inflammatory Status in Decidual Cells from Women with Preterm Labor and Subclinical Intrauterine Infection. <i>PLoS ONE</i> , 2012, 7, e43605.	2.5	15
78	Increased Expression of Matrix Metalloproteinase-1 in Systemic Vessels of Preeclamptic Women. <i>American Journal of Pathology</i> , 2011, 178, 451-460.	3.8	41
79	Combined Boyden-Flow Cytometry Assay Improves Quantification and Provides Phenotypification of Leukocyte Chemotaxis. <i>PLoS ONE</i> , 2011, 6, e28771.	2.5	11
80	Effects of the plasmid-encoded toxin of enteroaggregative <i>Escherichia coli</i> on focal adhesion complexes. <i>FEMS Immunology and Medical Microbiology</i> , 2011, 61, 301-314.	2.7	8
81	Placental blood leukocytes are functional and phenotypically different than peripheral leukocytes during human labor. <i>Journal of Reproductive Immunology</i> , 2010, 84, 100-110.	1.9	37
82	The Role of Chemokines in Term and Premature Rupture of the Fetal Membranes: A Review1. <i>Biology of Reproduction</i> , 2010, 82, 809-814.	2.7	80
83	Interaction between Pathogenic Bacteria and Intrauterine Leukocytes Triggers Alternative Molecular Signaling Cascades Leading to Labor in Women. <i>Infection and Immunity</i> , 2010, 78, 4792-4799.	2.2	39
84	Fetal membranes exhibit selective leukocyte chemotactic activity during human labor. <i>Journal of Reproductive Immunology</i> , 2009, 80, 122-131.	1.9	116
85	Incubation of human chorioamniotic membranes with <i>Candida albicans</i> induces differential synthesis and secretion of interleukin-1 β , interleukin-6, prostaglandin E ₂ , and 92 kDa type IV collagenase. <i>Mycoses</i> , 2006, 49, 6-13.	4.0	22
86	1141478634 Amniochorion secretes chemotactic signals for leukocytes during human labor. <i>American Journal of Reproductive Immunology</i> , 2006, 55, 403-403.	1.2	0
87	Amniochorion secretes chemotactic signals for leukocytes during human labor. <i>Journal of Reproductive Immunology</i> , 2006, 71, 161.	1.9	0
88	Identification of a calcium-dependent matrix metalloproteinase complex in rat chorioallantoic membranes during labour. <i>Molecular Human Reproduction</i> , 2006, 12, 633-641.	2.8	10
89	Role of matrix metalloproteinases in preterm labour. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005, 112, 19-22.	2.3	125
90	Initial characterization of the microenvironment that regulates connective tissue degradation in amniochorion during normal human labor. <i>Matrix Biology</i> , 2005, 24, 306-312.	3.6	13

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91	Secretions of Interleukin-1 β and Tumor Necrosis Factor α by Whole Fetal Membranes Depend on Initial Interactions of Amnion or Chorion with Lipopolysaccharides or Group B Streptococci. Biology of Reproduction, 2004, 71, 1296-1302.	2.7	90