

Gaudalupe Estrada-Gutiérrez

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

1,747
citations

346980

22
h-index

388640

36
g-index

97
all docs

97
docs citations

97
times ranked

2657
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. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 5927-5931.	0.7	6
2	Early childhood fluoride exposure and preadolescent kidney function. <i>Environmental Research</i> , 2022, 204, 112014.	3.7	5
3	Maternal haemoglobin levels in pregnancy and child DNA methylation: a study in the pregnancy and childhood epigenetics consortium. <i>Epigenetics</i> , 2022, 17, 19-31.	1.3	3
4	Comorbidity, poverty and social vulnerability as risk factors for mortality in pregnant women with confirmed SARS-CoV-2 infection: analysis of 13% positive pregnancies including 176 maternal deaths in Mexico. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 59, 76-82.	0.9	17
5	Prenatal lead exposure, telomere length in cord blood, and DNA methylation age in the PROGRESS prenatal cohort. <i>Environmental Research</i> , 2022, 205, 112577.	3.7	11
6	Maternal Death by COVID-19 Associated with Elevated Troponin T Levels. <i>Viruses</i> , 2022, 14, 271.	1.5	5
7	miR-21 differentially regulates IL-1 β and IL-10 expression in human decidual cells infected with streptococcus B. <i>Reproductive Biology</i> , 2022, 22, 100604.	0.9	9
8	Vitamin D Deficiency, Excessive Gestational Weight Gain, and Oxidative Stress Predict Small for Gestational Age Newborns Using an Artificial Neural Network Model. <i>Antioxidants</i> , 2022, 11, 574.	2.2	2
9	Plasma Total Antioxidant Capacity and Carbonylated Proteins Are Increased in Pregnant Women with Severe COVID-19. <i>Viruses</i> , 2022, 14, 723.	1.5	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. <i>Nutrients</i> , 2022, 14, 62.	1.7	2
11	Resistin Modulates Low-Density Lipoprotein Cholesterol Uptake in Human Placental Explants via PCSK9. <i>Reproductive Sciences</i> , 2022, 29, 3242-3253.	1.1	6
12	sFlt-1 Is an Independent Predictor of Adverse Maternal Outcomes in Women With SARS-CoV-2 Infection and Hypertensive Disorders of Pregnancy. <i>Frontiers in Medicine</i> , 2022, 9, .	1.2	5
13	Neonatal Antibiotic Treatment Can Affect Stool Pattern and Oral Tolerance in Preterm Infants. <i>Life</i> , 2022, 12, 1043.	1.1	0
14	Prenatal and early childhood critical windows for the association of nephrotoxic metal and metalloid mixtures with kidney function. <i>Environment International</i> , 2022, 166, 107361.	4.8	17
15	Molecular Insights into the Thrombotic and Microvascular Injury in Placental Endothelium of Women with Mild or Severe COVID-19. <i>Cells</i> , 2021, 10, 364.	1.8	33
16	Effect of the Cut-Off Level for Thyroid-Stimulating Hormone on the Prevalence of Subclinical Hypothyroidism among Infertile Mexican Women. <i>Diagnostics</i> , 2021, 11, 417.	1.3	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. <i>PLoS ONE</i> , 2021, 16, e0249584.	1.1	37
18	Exosomal miRNAs in urine associated with children's cardiorenal parameters: a cross-sectional study. <i>Epigenomics</i> , 2021, 13, 499-512.	1.0	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.	1.2	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.	1.2	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.	1.7	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.	0.6	5
26	Prenatal blood lead levels and reduced preadolescent glomerular filtration rate: Modification by body mass index. <i>Environment International</i> , 2021, 154, 106414.	4.8	10
27	COVID-19 Infection in Pregnancy: PCR Cycle Thresholds, Placental Pathology, and Perinatal Outcomes. <i>Viruses</i> , 2021, 13, 1884.	1.5	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.	1.5	23
29	Evidence of possible <sc>SARS-CoV-2</sc> vertical transmission according to World Health Organization criteria in asymptomatic pregnant women. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 900-908.	0.9	16
30	Gestational Weight Gain Influences the Adipokine-Oxidative Stress Association during Pregnancy. <i>Obesity Facts</i> , 2021, 14, 604-612.	1.6	9
31	Increased levels of soluble fms-like tyrosine kinase-1 are associated with adverse outcomes in pregnant women with COVID-19. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, , .	0.9	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.	1.2	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.	0.7	6
34	Battle of epigenetic proportions: comparing Illumina's EPIC methylation microarrays and TruSeq targeted bisulfite sequencing. <i>Epigenetics</i> , 2020, 15, 174-182.	1.3	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.	1.6	10
36	Reference Percentiles and Changes over Time for Total Thyroxine in Preterm Infants: A Retrospective Cohort Study. <i>Diagnostics</i> , 2020, 10, 475.	1.3	4

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37	Nutrients, Mitochondrial Function, and Perinatal Health. <i>Nutrients</i> , 2020, 12, 2166.	1.7	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.	0.9	20
39	Vitamin D Deficiency in Mexican Pregnant Women: Is Supplementation with 400 IU/day Enough?. <i>Nutrients</i> , 2020, 12, 2517.	1.7	6
40	Intervention during the first 1000 days in Mexico. <i>Nutrition Reviews</i> , 2020, 78, 80-90.	2.6	5
41	Prenatal lead exposure and cord blood DNA methylation in PROGRESS: an epigenome-wide association study. <i>Environmental Epigenetics</i> , 2020, 6, dvaa014.	0.9	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.	0.6	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.	1.8	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.	1.2	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.	1.1	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, , .	0.2	0
48	Initial management of primary postpartum hemorrhage: a survey. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 34, 1-7.	0.7	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.	1.8	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.	4.8	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.	1.2	62
52	Altered cord blood mitochondrial DNA content and pregnancy lead exposure in the PROGRESS cohort. <i>Environment International</i> , 2019, 125, 437-444.	4.8	27
53	Perinatal Outcomes in Mexican Women with Untreated Mild Gestational Diabetes Mellitus Diagnosed by the International Association of Diabetes and Pregnancy Study Groups Criteria; Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2019, Volume 12, 2667-2674.	1.1	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.	0.8	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.	1.0	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.	0.9	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.	1.8	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.	1.8	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.	0.7	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.	0.8	21
61	New Insights into the Role of Matrix Metalloproteinases in Preeclampsia. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1448.	1.8	82
62	Maternal and Fetal Lipid and Adipokine Profiles and Their Association with Obesity. <i>International Journal of Endocrinology</i> , 2016, 2016, 1-7.	0.6	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.	0.8	29
64	Progesterone suppresses the lipopolysaccharide-induced inflammatory response in mononuclear cells isolated from human term placenta. <i>Placenta</i> , 2016, 45, 91.	0.7	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.	1.0	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.	1.4	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.	1.1	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.	1.1	14
69	Galactin-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.	0.8	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.	0.7	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.	0.5	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.	1.1	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.	1.4	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.	0.6	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.	1.9	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.	1.1	15
78	Increased Expression of Matrix Metalloproteinase-1 in Systemic Vessels of Preeclamptic Women. <i>American Journal of Pathology</i> , 2011, 178, 451-460.	1.9	41
79	Combined Boyden-Flow Cytometry Assay Improves Quantification and Provides Phenotypification of Leukocyte Chemotaxis. <i>PLoS ONE</i> , 2011, 6, e28771.	1.1	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.	0.8	37
82	The Role of Chemokines in Term and Premature Rupture of the Fetal Membranes: A Review. <i>Biology of Reproduction</i> , 2010, 82, 809-814.	1.2	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.	1.0	39
84	Fetal membranes exhibit selective leukocyte chemotactic activity during human labor. <i>Journal of Reproductive Immunology</i> , 2009, 80, 122-131.	0.8	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.	1.8	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.	0.8	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.	1.3	10
89	Role of matrix metalloproteinases in preterm labour. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005, 112, 19-22.	1.1	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.	1.5	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. <i>Biology of Reproduction</i> , 2004, 71, 1296-1302.	1.2	90