Alfredo Perales

List of Publications by Year
in descending order

55 papers	1,327 citations	471509 17 h-index	377865 34 g-index
56 all docs	56 docs citations	56 times ranked	1600 citing authors

#	Article	IF	Citations
1	Defective decidualization during and after severe preeclampsia reveals a possible maternal contribution to the etiology. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8468-E8477.	7.1	230
2	Prospective risk of stillbirth and neonatal complications in twin pregnancies: systematic review and meta-analysis. BMJ, The, 2016, 354, i4353.	6.0	166
3	Vaginal progesterone decreases preterm birth and neonatal morbidity and mortality in women with a twin gestation and a short cervix: an updated metaâ€analysis of individual patient data. Ultrasound in Obstetrics and Gynecology, 2017, 49, 303-314.	1.7	163
4	Electrohysterography in the diagnosis of preterm birth: a review. Physiological Measurement, 2018, 39, 02TR01.	2.1	58
5	The effect of gestational age and cervical length measurements in the prediction of spontaneous preterm birth in twin pregnancies: an individual patient level metaâ€analysis. BJOG: an International Journal of Obstetrics and Gynaecology, 2016, 123, 877-884.	2.3	54
6	Automatic Identification of Motion Artifacts in EHG Recording for Robust Analysis of Uterine Contractions. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-11.	1.3	47
7	Doppler reference values of the fetal vertebral and middle cerebral arteries, at 19â€“41 weeks gestation. Journal of Maternal-Fetal and Neonatal Medicine, 2015, 28, 338-343.	1.5	46
8	Preeclampsia: a defect in decidualization is associated with deficiency of Annexin A2. American Journal of Obstetrics and Gynecology, 2020, 222, 376.e1-376.e17.	1.3	43
9	Comparison of non-invasive electrohysterographic recording techniques for monitoring uterine dynamics. Medical Engineering and Physics, 2013, 35, 1736-1743.	1.7	40
10	Good prognosis of cerclage in cases of cervical insufficiency when intra-amniotic inflammation/infection is ruled out. Journal of Maternal-Fetal and Neonatal Medicine, 2015, 28, 1563-1568.	1.5	29
11	Vaginal progesterone for the prevention of preterm birth and adverse perinatal outcomes in twin gestations with a short cervix: an updated individual patient data metaâ€analysis. Ultrasound in Obstetrics and Gynecology, 2022, 59, 263-266.	1.7	26
12	Feasibility and Analysis of Bipolar Concentric Recording of Electrohysterogram with Flexible Active Electrode. Annals of Biomedical Engineering, 2015, 43, 968-976.	2.5	24
13	Prediction of labor onset type: Spontaneous vs induced; role of electrohysterography?. Computer Methods and Programs in Biomedicine, 2017, 144, 127-133.	4.7	24
14	Maternal and fetal outcomes in pregnant women with acute promyelocytic leukemia. Annals of Hematology, 2015, 94, 1357-1361.	1.8	23
15	Accuracy of the fetal cerebroplacental ratio for the detection of intrapartum compromise in nonsmall fetuses. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 2842-2852.	1.5	20
16	Neonatal Acid-Base Status in Term Fetuses: Mathematical Models Investigating Cerebroplacental Ratio and Birth Weight. Fetal Diagnosis and Therapy, 2015, 38, 55-60.	1.4	19
17	Uterine electromyography for discrimination of labor imminence in women with threatened preterm labor under tocolytic treatment. Medical and Biological Engineering and Computing, 2019, 57, 401-411.	2.8	19
18	Abnormal Middle Cerebral Artery Doppler Associates with Spontaneous Preterm Birth in Normally Grown Fetuses. Fetal Diagnosis and Therapy, 2016, 40, 41-47.	1.4	16

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19	Uterine contractile efficiency indexes for labor prediction: A bivariate approach from multichannel electrohysterographic records. Biomedical Signal Processing and Control, 2018, 46, 238-248.	5.7	16
20	Robust Characterization of the Uterine Myoelectrical Activity in Different Obstetric Scenarios. Entropy, 2020, 22, 743.	2.2	15
21	Disrupted PGR-B and ESR1 signaling underlies defective decidualization linked to severe preeclampsia. ELife, 2021, 10, .	6.0	15
22	Gestational Age-Specific Reference Ranges for the sFlt-1/PlGF Immunoassay Ratio in Twin Pregnancies. Fetal Diagnosis and Therapy, 2021, 48, 288-296.	1.4	14
23	Design and Assessment of a Robust and Generalizable ANN-Based Classifier for the Prediction of Premature Birth by means of Multichannel Electrohysterographic Records. Journal of Sensors, 2019, 2019, 1-13.	1.1	13
24	Electrohysterogram for ANN-Based Prediction of Imminent Labor in Women with Threatened Preterm Labor Undergoing Tocolytic Therapy. Sensors, 2020, 20, 2681.	3.8	13
25	Electrohysterographic characterization of the uterine myoelectrical response to labor induction drugs. Medical Engineering and Physics, 2018, 56, 27-35.	1.7	12
26	Does Uterine Doppler Add Information to the Cerebroplacental Ratio for the Prediction of Adverse Perinatal Outcome at the End of Pregnancy?. Fetal Diagnosis and Therapy, 2020, 47, 34-44.	1.4	12
27	Acute Promyelocytic Leukemia during Pregnancy: A Systematic Review of the Literature. Cancers, 2020, 12, 968.	3.7	12
28	Comparison of Cerebroplacental Ratio, Intergrowth-21st Standards, Customized Growth, and Local Population References for the Prediction of Fetal Compromise: Which Is the Best Approach?. Fetal Diagnosis and Therapy, 2019, 46, 341-352.	1.4	11
29	Characterization of the effects of Atosiban on uterine electromyograms recorded in women with threatened preterm labor. Biomedical Signal Processing and Control, 2019, 52, 198-205.	5.7	10
30	Risk of Gestational Diabetes Due to Maternal and Partner Smoking. International Journal of Environmental Research and Public Health, 2022, 19, 925.	2.6	10
31	The negative predictive value of cervical interleukin-6 for the risk assessment of preterm birth. Journal of Maternal-Fetal and Neonatal Medicine, 2013, 26, 1278-1281.	1.5	9
32	Progression of Doppler changes in early-onset small for gestational age fetuses. How frequent are the different progression sequences?. Journal of Maternal-Fetal and Neonatal Medicine, 2018, 31, 1000-1008.	1.5	9
33	Prediction of Labor Induction Success from the Uterine Electrohysterogram. Journal of Sensors, 2019, 2019, 1-12.	1.1	9
34	A Comparative Study of Vaginal Labor and Caesarean Section Postpartum Uterine Myoelectrical Activity. Sensors, 2020, 20, 3023.	3.8	9
35	Proximity of term labor deepens the fall of Doppler impedance in the fetal cerebral arteries. Journal of Maternal-Fetal and Neonatal Medicine, 2014, 27, 283-290.	1.5	8
36	The Maternal Cytokine and Chemokine Profile of Naturally Conceived Gestations Is Mainly Preserved duringIn VitroFertilization and Egg Donation Pregnancies. Journal of Immunology Research, 2015, 2015, 1-8.	2.2	8

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37	Effects of prandial glycemic changes on objective fetal heart rate parameters. Acta Obstetricia Et Gynecologica Scandinavica, 2000, 79, 953-957.	2.8	7
38	The vertebral artery Doppler might be an alternative to the middle cerebral artery Doppler in the follow-up of the early onset growth-restricted fetus. Prenatal Diagnosis, 2014, 34, 109-114.	2.3	7
39	New electrohysterogram-based estimators of intrauterine pressure signal, tonus and contraction peak for non-invasive labor monitoring. Physiological Measurement, 2019, 40, 085003.	2.1	7
40	GESTACOVID project: psychological and perinatal effects in Spanish pregnant women subjected to confinement due to the COVID-19 pandemic. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 5665-5671.	1.5	7
41	The vertebroplacental ratio as an alternative to the cerebroplacental ratio in the evaluation of the fetus at the end of pregnancy. Journal of Maternal-Fetal and Neonatal Medicine, 2018, 31, 70-79.	1.5	6
42	Optimization of Imminent Labor Prediction Systems in Women with Threatened Preterm Labor Based on Electrohysterography. Sensors, 2021, 21, 2496.	3.8	6
43	Mathematical simulation of Doppler changes in late-onset smallness; progression patterns of cerebral and umbilical anomalies define two types of late-onset fetal growth restriction. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 1-11.	1.5	5
44	MicroRNA-148b-3p and MicroRNA-25-3p Are Overexpressed in Fetuses with Late-Onset Fetal Growth Restriction. Fetal Diagnosis and Therapy, 2020, 47, 665-674.	1.4	5
45	Transitory Fetal Skin Edema in a Pregnant Patient with a Mild SARS-CoV-2 Infection. Case Reports in Obstetrics and Gynecology, 2021, 2021, 1-4.	0.3	5
46	Cerebroplacental ratio and estimated fetal weight, the 2 different yardsticks. American Journal of Obstetrics and Gynecology, 2019, 221, 664-665.	1.3	4
47	Vaginal progesterone in twin gestation and a short cervix: revisiting an individual patient data systematic review and metaâ€analysis. Ultrasound in Obstetrics and Gynecology, 2021, 58, 943-945.	1.7	4
48	Cerebroplacental Ratio Prediction of Intrapartum Fetal Compromise according to the Interval to Delivery. Fetal Diagnosis and Therapy, 2022, 49, 196-205.	1.4	4
49	Which is the best ultrasound parameter for the prediction of adverse perinatal outcome within 1â€‰day of delivery?. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 8571-8579.	1.5	2
50	Diagnosis of intraamniotic inflammation by measuring vaginal interleukin-6 in patients with cervical insufficiency: could amniocentesis be avoided?. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 9303-9307.	1.5	2
51	MicroRNA-185-5p: a marker of brain-sparing in foetuses with late-onset growth restriction. Epigenetics, 2021, , 1-12.	2.7	2
52	Overexpression of microRNAs miR-25-3p, miR-185-5p and miR-132-3p in Late Onset Fetal Growth Restriction, Validation of Results and Study of the Biochemical Pathways Involved. International Journal of Molecular Sciences, 2022, 23, 293.	4.1	2
53	Association of first trimester fetal heart rate and nuchal translucency with preterm birth. Journal of Maternal-Fetal and Neonatal Medicine, 2021, , 1-8.	1.5	0
54	Predictors of adverse perinatal outcome up to 34 weeks, a multivariable analysis study. Journal of Obstetrics and Gynaecology, 2022, , 1-7.	0.9	0

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55	Healthy mothers with normal cardiotocograms at term. Is maternal age a true determinant of perinatal outcome?. Journal of Maternal-Fetal and Neonatal Medicine, 2022, , 1-8.	1.5	0