David E Cantonwine

List of Publications by Citations

63 papers	**1,424** citations
22 h-index	**36** g-index
66 ext. papers	**1,836** ext. citations
6.5 avg, IF	**4.74** L-index

#	Paper	IF	Citations
63	Urinary phthalate metabolite concentrations among pregnant women in Northern Puerto Rico: distribution, temporal variability, and predictors. *Environment International*, **2014**, 62, 1-11	12.9	147
62	Validity of Self-Assessed Sexual Maturation Against Physician Assessments and Hormone Levels. *Journal of Pediatrics*, **2017**, 186, 172-178.e3	3.6	77
61	Repeated measures of inflammation and oxidative stress biomarkers in preeclamptic and normotensive pregnancies. *American Journal of Obstetrics and Gynecology*, **2017**, 216, 527.e1-527.e9	6.4	71
60	Environmental phenol associations with ultrasound and delivery measures of fetal growth. *Environment International*, **2018**, 112, 243-250	12.9	68
59	Urinary Concentrations of Bisphenol A and Phthalate Metabolites Measured during Pregnancy and Risk of Preeclampsia. *Environmental Health Perspectives*, **2016**, 124, 1651-1655	8.4	65
58	Associations between maternal phenol and paraben urinary biomarkers and maternal hormones during pregnancy: A repeated measures study. *Environment International*, **2018**, 113, 341-349	12.9	59
57	Urinary Bisphenol A Levels during Pregnancy and Risk of Preterm Birth. *Environmental Health Perspectives*, **2015**, 123, 895-901	8.4	59
56	Urinary trace metals individually and in mixtures in association with preterm birth. *Environment International*, **2018**, 121, 582-590	12.9	56
55	Urinary phthalate metabolite and bisphenol A associations with ultrasound and delivery indices of fetal growth. *Environment International*, **2016**, 94, 531-537	12.9	54
54	Urinary Polycyclic Aromatic Hydrocarbon Metabolite Associations with Biomarkers of Inflammation, Angiogenesis, and Oxidative Stress in Pregnant Women. *Environmental Science & Technology*, **2017**, 51, 4652-4660	10.3	52
53	Repeated measures analysis of associations between urinary bisphenol-A concentrations and biomarkers of inflammation and oxidative stress in pregnancy. *Reproductive Toxicology*, **2016**, 66, 93-98	3.4	50
52	Mercury levels in pregnant women, children, and seafood from Mexico City. *Environmental Research*, **2014**, 135, 63-9	7.9	49
51	Preterm birth in relation to the bisphenol A replacement, bisphenol S, and other phenols and parabens. *Environmental Research*, **2019**, 169, 131-138	7.9	43
50	Distribution and determinants of urinary biomarkers of exposure to organophosphate insecticides in Puerto Rican pregnant women. *Science of the Total Environment*, **2015**, 512-513, 337-344	10.2	36
49	Evaluation of proteomic biomarkers associated with circulating microparticles as an effective means to stratify the risk of spontaneous preterm birth. *American Journal of Obstetrics and Gynecology*, **2016**, 214, 631.e1-631.e11	6.4	34
48	Urinary tract infection during pregnancy, angiogenic factor profiles, and risk of preeclampsia. *American Journal of Obstetrics and Gynecology*, **2016**, 214, 387.e1-7	6.4	29
47	Environmental contaminants and preeclampsia: a systematic literature review. *Journal of Toxicology and Environmental Health - Part B: Critical Reviews*, **2018**, 21, 291-319	8.6	28

46	Angiogenic markers in pregnancies conceived through in vitro fertilization. *American Journal of Obstetrics and Gynecology*, **2015**, 213, 212.e1-8	6.4	27
45	Maternal circulating angiogenic factors in twin and singleton pregnancies. *American Journal of Obstetrics and Gynecology*, **2015**, 212, 636.e1-8	6.4	27
44	Pregnancy-associated diamine oxidase originates from extravillous trophoblasts and is decreased in early-onset preeclampsia. *Scientific Reports*, **2018**, 8, 6342	4.9	27
43	Prediction and associations of preterm birth and its subtypes with eicosanoid enzymatic pathways and inflammatory markers. *Scientific Reports*, **2019**, 9, 17049	4.9	24
42	Associations between repeated ultrasound measures of fetal growth and biomarkers of maternal oxidative stress and inflammation in pregnancy. *American Journal of Reproductive Immunology*, **2018**, 80, e13017	3.8	23
41	Utilizing Longitudinal Measures of Fetal Growth to Create a Standard Method to Assess the Impacts of Maternal Disease and Environmental Exposure. *PLoS ONE*, **2016**, 11, e0146532	3.7	20
40	Associations between maternal plasma measurements of inflammatory markers and urinary levels of phenols and parabens during pregnancy: A repeated measures study. *Science of the Total Environment*, **2019**, 650, 1131-1140	10.2	20
39	Subclinical Changes in Maternal Thyroid Function Parameters in Pregnancy and Fetal Growth. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 1349-1358	5.6	19
38	Circulating microparticle proteins obtained in the late first trimester predict spontaneous preterm birth at less than 35 weeks gestation: a panel validation with specific characterization by parity. *American Journal of Obstetrics and Gynecology*, **2019**, 220, 488.e1-488.e11	6.4	19
37	Distribution and predictors of urinary polycyclic aromatic hydrocarbon metabolites in two pregnancy cohort studies. *Environmental Pollution*, **2018**, 232, 556-562	9.3	16
36	Inflammatory and oxidative stress markers associated with decreased cervical length in pregnancy. *American Journal of Reproductive Immunology*, **2016**, 76, 376-382	3.8	16
35	Exposure to 17 trace metals in pregnancy and associations with urinary oxidative stress biomarkers. *Environmental Research*, **2019**, 179, 108854	7.9	15
34	Estrogen metabolism pathways in preeclampsia and normal pregnancy. *Steroids*, **2019**, 144, 8-14	2.8	12
33	Urinary trace metals, maternal circulating angiogenic biomarkers, and preeclampsia: a single-contaminant and mixture-based approach. *Environmental Health*, **2019**, 18, 63	6	12
32	Application of an analytical framework for multivariate mediation analysis of environmental data. *Nature Communications*, **2020**, 11, 5624	17.4	11
31	The Association of Alanine Aminotransferase in Early Pregnancy with Gestational Diabetes. *Metabolic Syndrome and Related Disorders*, **2016**, 14, 254-8	2.6	11
30	Early lead exposure and childhood adiposity in Mexico city. *International Journal of Hygiene and Environmental Health*, **2019**, 222, 965-970	6.9	11
29	Patient selection for later delivery timing with suspected previa-accreta. *Acta Obstetricia Et Gynecologica Scandinavica*, **2017**, 96, 1021-1028	3.8	10

28	Non-targeted urinary metabolomics in pregnancy and associations with fetal growth restriction. *Scientific Reports*, **2020**, 10, 5307	4.9	10
27	Urinary trace metals in association with fetal ultrasound measures during pregnancy. *Environmental Epidemiology*, **2020**, 4,	0.2	10
26	RNA profiles reveal signatures of future health and disease in pregnancy.. *Nature*, **2022**,	50.4	9
25	The association of early unexplained elevated alanine aminotransferase with large-for-gestational-age birthweight. *American Journal of Obstetrics and Gynecology*, **2016**, 215, 474.e1-5	6.4	9
24	Association of Antenatal Depression with Clinical Subtypes of Preterm Birth. *American Journal of Perinatology*, **2019**, 36, 567-573	3.3	8
23	Angle of Progression on Ultrasound in the Second Stage of Labor and Spontaneous Vaginal Delivery. *American Journal of Perinatology*, **2018**, 35, 413-420	3.3	8
22	Cross-Sectional Estimation of Endogenous Biomarker Associations with Prenatal Phenols, Phthalates, Metals, and Polycyclic Aromatic Hydrocarbons in Single-Pollutant and Mixtures Analysis Approaches. *Environmental Health Perspectives*, **2021**, 129, 37007	8.4	7
21	Is There an Association between Body Mass Index and Cervical Length? Implications for Obesity and Cervical Length Management in Pregnancy. *American Journal of Perinatology*, **2017**, 34, 568-575	3.3	6
20	Association of antenatal depression with oxidative stress and impact on spontaneous preterm birth. *Journal of Perinatology*, **2019**, 39, 554-562	3.1	6
19	Manganese is associated with increased plasma interleukin-1 during pregnancy, within a mixtures analysis framework of urinary trace metals. *Reproductive Toxicology*, **2020**, 93, 43-53	3.4	6
18	Longitudinal profiles of plasma eicosanoids during pregnancy and size for gestational age at delivery: A nested case-control study. *PLoS Medicine*, **2020**, 17, e1003271	11.6	6
17	Foetal ultrasound measurement imputations based on growth curves versus multiple imputation chained equation (MICE). *Paediatric and Perinatal Epidemiology*, **2018**, 32, 469-473	2.7	5
16	Maternal Smoking during Pregnancy and Daughters Preeclampsia Risk. *PLoS ONE*, **2015**, 10, e0144207	3.7	5
15	Late first trimester circulating microparticle proteins predict the risk of preeclampsia . *Scientific Reports*, **2020**, 10, 17353	4.9	5
14	Maternal Levels of Perfluoroalkyl Substances (PFAS) during Early Pregnancy in Relation to Preeclampsia Subtypes and Biomarkers of Preeclampsia Risk. *Environmental Health Perspectives*, **2021**, 129, 107004	8.4	4
13	Timing and Amount of Gestational Weight Gain in Association with Adverse Birth Outcomes. *Epidemiology*, **2019**, 30, 695-705	3.1	4
12	Accuracy of a mixed effects model interpolation technique for the estimation of pregnancy weight values. *Journal of Epidemiology and Community Health*, **2019**, 73, 786-792	5.1	3
11	Defining Physiological Predictors of Peripartum Maternal Bacteremia. *American Journal of Perinatology*, **2015**, 32, 1342-50	3.3	3

LIST OF PUBLICATIONS

10	Longitudinal exposure to consumer product chemicals and changes in plasma oxylipins in pregnant women. *Environment International*, **2021**, 157, 106787	12.9	3
9	Urinary phthalate metabolite concentrations in relation to levels of circulating matrix metalloproteinases in pregnant women. *Science of the Total Environment*, **2018**, 613-614, 1349-1352	10.2	2
8	Comparison of seasonal serum 25-hydroxyvitamin D concentrations among pregnant women in Mongolia and Boston. *Journal of Steroid Biochemistry and Molecular Biology*, **2019**, 193, 105427	5.1	2
7	Application of a novel analytical pipeline for high-dimensional multivariate mediation analysis of environmental data		2
6	Racial differences in indications for obstetrical toxicology testing and relationship of indications to test results. *American Journal of Obstetrics & Gynecology MFM*, **2021**, 4, 100453	7.4	2
5	Average and time-specific maternal prenatal inflammatory biomarkers and the risk of labor epidural associated fever. *PLoS ONE*, **2019**, 14, e0222958	3.7	1
4	A prospective study of maternal 25-hydroxyvitamin D (25OHD) in the first trimester of pregnancy and second trimester heavy metal levels. *Environmental Research*, **2021**, 199, 111351	7.9	1
3	Timing surgery for previa-accreta: patient selection based on a priori risk factors. *Acta Obstetricia Et Gynecologica Scandinavica*, **2017**, 96, 1030	3.8	
2	Effects of Selective Exclusion of Patients on Preterm Birth Test Performance. *Obstetrics and Gynecology*, **2020**, 135, 1228-1229	4.9	
1	Assessment of the Placental Cord Insertion Using 3-Dimensional Ultrasound at the Time of the Structural Fetal Survey. *Journal of Ultrasound in Medicine*, **2019**, 38, 1791-1796	2.9	