

# David E Cantonwine

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	RNA profiles reveal signatures of future health and disease in pregnancy.. <i>Nature</i> , <b>2022</b> ,	50.4	9
62	Maternal Levels of Perfluoroalkyl Substances (PFAS) during Early Pregnancy in Relation to Preeclampsia Subtypes and Biomarkers of Preeclampsia Risk. <i>Environmental Health Perspectives</i> , <b>2021</b> , 129, 107004	8.4	4
61	Cross-Sectional Estimation of Endogenous Biomarker Associations with Prenatal Phenols, Phthalates, Metals, and Polycyclic Aromatic Hydrocarbons in Single-Pollutant and Mixtures Analysis Approaches. <i>Environmental Health Perspectives</i> , <b>2021</b> , 129, 37007	8.4	7
60	Racial differences in indications for obstetrical toxicology testing and relationship of indications to test results. <i>American Journal of Obstetrics &amp; Gynecology MFM</i> , <b>2021</b> , 4, 100453	7.4	2
59	A prospective study of maternal 25-hydroxyvitamin D (25OHD) in the first trimester of pregnancy and second trimester heavy metal levels. <i>Environmental Research</i> , <b>2021</b> , 199, 111351	7.9	1
58	Longitudinal exposure to consumer product chemicals and changes in plasma oxylipins in pregnant women. <i>Environment International</i> , <b>2021</b> , 157, 106787	12.9	3
57	Application of an analytical framework for multivariate mediation analysis of environmental data. <i>Nature Communications</i> , <b>2020</b> , 11, 5624	17.4	11
56	Non-targeted urinary metabolomics in pregnancy and associations with fetal growth restriction. <i>Scientific Reports</i> , <b>2020</b> , 10, 5307	4.9	10
55	Urinary trace metals in association with fetal ultrasound measures during pregnancy. <i>Environmental Epidemiology</i> , <b>2020</b> , 4,	0.2	10
54	Manganese is associated with increased plasma interleukin-1 $\beta$ during pregnancy, within a mixtures analysis framework of urinary trace metals. <i>Reproductive Toxicology</i> , <b>2020</b> , 93, 43-53	3.4	6
53	Late first trimester circulating microparticle proteins predict the risk of preeclampsia . <i>Scientific Reports</i> , <b>2020</b> , 10, 17353	4.9	5
52	Longitudinal profiles of plasma eicosanoids during pregnancy and size for gestational age at delivery: A nested case-control study. <i>PLoS Medicine</i> , <b>2020</b> , 17, e1003271	11.6	6
51	Effects of Selective Exclusion of Patients on Preterm Birth Test Performance. <i>Obstetrics and Gynecology</i> , <b>2020</b> , 135, 1228-1229	4.9	
50	Estrogen metabolism pathways in preeclampsia and normal pregnancy. <i>Steroids</i> , <b>2019</b> , 144, 8-14	2.8	12
49	Accuracy of a mixed effects model interpolation technique for the estimation of pregnancy weight values. <i>Journal of Epidemiology and Community Health</i> , <b>2019</b> , 73, 786-792	5.1	3
48	Association of antenatal depression with oxidative stress and impact on spontaneous preterm birth. <i>Journal of Perinatology</i> , <b>2019</b> , 39, 554-562	3.1	6
47	Comparison of seasonal serum 25-hydroxyvitamin D concentrations among pregnant women in Mongolia and Boston. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2019</b> , 193, 105427	5.1	2

46	Urinary trace metals, maternal circulating angiogenic biomarkers, and preeclampsia: a single-contaminant and mixture-based approach. <i>Environmental Health</i> , <b>2019</b> , 18, 63	6	12
45	Early lead exposure and childhood adiposity in Mexico city. <i>International Journal of Hygiene and Environmental Health</i> , <b>2019</b> , 222, 965-970	6.9	11
44	Exposure to 17 trace metals in pregnancy and associations with urinary oxidative stress biomarkers. <i>Environmental Research</i> , <b>2019</b> , 179, 108854	7.9	15
43	Average and time-specific maternal prenatal inflammatory biomarkers and the risk of labor epidural associated fever. <i>PLoS ONE</i> , <b>2019</b> , 14, e0222958	3.7	1
42	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. <i>American Journal of Obstetrics and Gynecology</i> , <b>2019</b> , 220, 488.e1-488.e11	6.4	19
41	Prediction and associations of preterm birth and its subtypes with eicosanoid enzymatic pathways and inflammatory markers. <i>Scientific Reports</i> , <b>2019</b> , 9, 17049	4.9	24
40	Timing and Amount of Gestational Weight Gain in Association with Adverse Birth Outcomes. <i>Epidemiology</i> , <b>2019</b> , 30, 695-705	3.1	4
39	Assessment of the Placental Cord Insertion Using 3-Dimensional Ultrasound at the Time of the Structural Fetal Survey. <i>Journal of Ultrasound in Medicine</i> , <b>2019</b> , 38, 1791-1796	2.9	
38	Preterm birth in relation to the bisphenol A replacement, bisphenol S, and other phenols and parabens. <i>Environmental Research</i> , <b>2019</b> , 169, 131-138	7.9	43
37	Association of Antenatal Depression with Clinical Subtypes of Preterm Birth. <i>American Journal of Perinatology</i> , <b>2019</b> , 36, 567-573	3.3	8
36	Associations between maternal plasma measurements of inflammatory markers and urinary levels of phenols and parabens during pregnancy: A repeated measures study. <i>Science of the Total Environment</i> , <b>2019</b> , 650, 1131-1140	10.2	20
35	Pregnancy-associated diamine oxidase originates from extravillous trophoblasts and is decreased in early-onset preeclampsia. <i>Scientific Reports</i> , <b>2018</b> , 8, 6342	4.9	27
34	Subclinical Changes in Maternal Thyroid Function Parameters in Pregnancy and Fetal Growth. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 1349-1358	5.6	19
33	Associations between maternal phenol and paraben urinary biomarkers and maternal hormones during pregnancy: A repeated measures study. <i>Environment International</i> , <b>2018</b> , 113, 341-349	12.9	59
32	Environmental phenol associations with ultrasound and delivery measures of fetal growth. <i>Environment International</i> , <b>2018</b> , 112, 243-250	12.9	68
31	Urinary phthalate metabolite concentrations in relation to levels of circulating matrix metalloproteinases in pregnant women. <i>Science of the Total Environment</i> , <b>2018</b> , 613-614, 1349-1352	10.2	2
30	Distribution and predictors of urinary polycyclic aromatic hydrocarbon metabolites in two pregnancy cohort studies. <i>Environmental Pollution</i> , <b>2018</b> , 232, 556-562	9.3	16
29	Associations between repeated ultrasound measures of fetal growth and biomarkers of maternal oxidative stress and inflammation in pregnancy. <i>American Journal of Reproductive Immunology</i> , <b>2018</b> , 80, e13017	3.8	23

28	Foetal ultrasound measurement imputations based on growth curves versus multiple imputation chained equation (MICE). <i>Paediatric and Perinatal Epidemiology</i> , <b>2018</b> , 32, 469-473	2.7	5
27	Angle of Progression on Ultrasound in the Second Stage of Labor and Spontaneous Vaginal Delivery. <i>American Journal of Perinatology</i> , <b>2018</b> , 35, 413-420	3.3	8
26	Environmental contaminants and preeclampsia: a systematic literature review. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , <b>2018</b> , 21, 291-319	8.6	28
25	Urinary trace metals individually and in mixtures in association with preterm birth. <i>Environment International</i> , <b>2018</b> , 121, 582-590	12.9	56
24	Patient selection for later delivery timing with suspected previa-accreta. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>2017</b> , 96, 1021-1028	3.8	10
23	Validity of Self-Assessed Sexual Maturation Against Physician Assessments and Hormone Levels. <i>Journal of Pediatrics</i> , <b>2017</b> , 186, 172-178.e3	3.6	77
22	Is There an Association between Body Mass Index and Cervical Length? Implications for Obesity and Cervical Length Management in Pregnancy. <i>American Journal of Perinatology</i> , <b>2017</b> , 34, 568-575	3.3	6
21	Urinary Polycyclic Aromatic Hydrocarbon Metabolite Associations with Biomarkers of Inflammation, Angiogenesis, and Oxidative Stress in Pregnant Women. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 4652-4660	10.3	52
20	Repeated measures of inflammation and oxidative stress biomarkers in preeclamptic and normotensive pregnancies. <i>American Journal of Obstetrics and Gynecology</i> , <b>2017</b> , 216, 527.e1-527.e9	6.4	71
19	Timing surgery for previa-accreta: patient selection based on a priori risk factors. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>2017</b> , 96, 1030	3.8	
18	Urinary tract infection during pregnancy, angiogenic factor profiles, and risk of preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , <b>2016</b> , 214, 387.e1-7	6.4	29
17	Repeated measures analysis of associations between urinary bisphenol-A concentrations and biomarkers of inflammation and oxidative stress in pregnancy. <i>Reproductive Toxicology</i> , <b>2016</b> , 66, 93-98	3.4	50
16	Inflammatory and oxidative stress markers associated with decreased cervical length in pregnancy. <i>American Journal of Reproductive Immunology</i> , <b>2016</b> , 76, 376-382	3.8	16
15	Urinary phthalate metabolite and bisphenol A associations with ultrasound and delivery indices of fetal growth. <i>Environment International</i> , <b>2016</b> , 94, 531-537	12.9	54
14	Evaluation of proteomic biomarkers associated with circulating microparticles as an effective means to stratify the risk of spontaneous preterm birth. <i>American Journal of Obstetrics and Gynecology</i> , <b>2016</b> , 214, 631.e1-631.e11	6.4	34
13	The Association of Alanine Aminotransferase in Early Pregnancy with Gestational Diabetes. <i>Metabolic Syndrome and Related Disorders</i> , <b>2016</b> , 14, 254-8	2.6	11
12	Urinary Concentrations of Bisphenol A and Phthalate Metabolites Measured during Pregnancy and Risk of Preeclampsia. <i>Environmental Health Perspectives</i> , <b>2016</b> , 124, 1651-1655	8.4	65
11	Utilizing Longitudinal Measures of Fetal Growth to Create a Standard Method to Assess the Impacts of Maternal Disease and Environmental Exposure. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146532	3.7	20

10	The association of early unexplained elevated alanine aminotransferase with large-for-gestational-age birthweight. <i>American Journal of Obstetrics and Gynecology</i> , <b>2016</b> , 215, 474.e1-5	6.4	9
9	Angiogenic markers in pregnancies conceived through in vitro fertilization. <i>American Journal of Obstetrics and Gynecology</i> , <b>2015</b> , 213, 212.e1-8	6.4	27
8	Maternal circulating angiogenic factors in twin and singleton pregnancies. <i>American Journal of Obstetrics and Gynecology</i> , <b>2015</b> , 212, 636.e1-8	6.4	27
7	Defining Physiological Predictors of Peripartum Maternal Bacteremia. <i>American Journal of Perinatology</i> , <b>2015</b> , 32, 1342-50	3.3	3
6	Urinary Bisphenol A Levels during Pregnancy and Risk of Preterm Birth. <i>Environmental Health Perspectives</i> , <b>2015</b> , 123, 895-901	8.4	59
5	Distribution and determinants of urinary biomarkers of exposure to organophosphate insecticides in Puerto Rican pregnant women. <i>Science of the Total Environment</i> , <b>2015</b> , 512-513, 337-344	10.2	36
4	Maternal Smoking during Pregnancy and Daughters' Preeclampsia Risk. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144207	3.7	5
3	Mercury levels in pregnant women, children, and seafood from Mexico City. <i>Environmental Research</i> , <b>2014</b> , 135, 63-9	7.9	49
2	Urinary phthalate metabolite concentrations among pregnant women in Northern Puerto Rico: distribution, temporal variability, and predictors. <i>Environment International</i> , <b>2014</b> , 62, 1-11	12.9	147
1	Application of a novel analytical pipeline for high-dimensional multivariate mediation analysis of environmental data		2