

# Warren G Foster

## List of Publications by Citations

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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.

112  
papers

3,822  
citations

35  
h-index

58  
g-index

116  
ext. papers

4,311  
ext. citations

4.3  
avg, IF

5.55  
L-index

#	Paper	IF	Citations
112	Serum levels of perfluoroalkyl compounds in human maternal and umbilical cord blood samples. <i>Environmental Research</i> , <b>2008</b> , 108, 56-62	7.9	229
111	Reproductive and developmental effects of phthalate diesters in females. <i>Critical Reviews in Toxicology</i> , <b>2013</b> , 43, 200-19	5.7	197
110	Levels of environmental contaminants in human follicular fluid, serum, and seminal plasma of couples undergoing in vitro fertilization. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2002</b> , 43, 121-6	3.2	184
109	Reproductive and developmental effects of phthalate diesters in males. <i>Critical Reviews in Toxicology</i> , <b>2014</b> , 44, 467-98	5.7	172
108	Phthalate and bisphenol A exposure among pregnant women in Canada--results from the MIREC study. <i>Environment International</i> , <b>2014</b> , 68, 55-65	12.9	129
107	Sidestream smoking is equally as damaging as mainstream smoking on IVF outcomes. <i>Human Reproduction</i> , <b>2005</b> , 20, 2531-5	5.7	123
106	Quantification of benzo[a]pyrene and other PAHs in the serum and follicular fluid of smokers versus non-smokers. <i>Reproductive Toxicology</i> , <b>2008</b> , 25, 100-6	3.4	104
105	Effects of subchronic exposure to a complex mixture of persistent contaminants in male rats: systemic, immune, and reproductive effects. <i>Toxicological Sciences</i> , <b>2002</b> , 67, 131-43	4.4	96
104	Follicle growth is inhibited by benzo-[a]-pyrene, at concentrations representative of human exposure, in an isolated rat follicle culture assay. <i>Human Reproduction</i> , <b>2007</b> , 22, 961-7	5.7	89
103	Cigarette smoke causes follicle loss in mice ovaries at concentrations representative of human exposure. <i>Human Reproduction</i> , <b>2009</b> , 24, 1452-9	5.7	86
102	Effects of acute exposure to PCBs 126 and 153 on anterior pituitary and thyroid hormones and FSH isoforms in adult Sprague Dawley male rats. <i>Toxicological Sciences</i> , <b>1999</b> , 47, 158-69	4.4	82
101	Concentrations of persistent organic pollutants in maternal and cord blood from the maternal-infant research on environmental chemicals (MIREC) cohort study. <i>Environmental Health</i> , <b>2016</b> , 15, 59	6	80
100	Alcohol, drugs, caffeine, tobacco, and environmental contaminant exposure: reproductive health consequences and clinical implications. <i>Critical Reviews in Toxicology</i> , <b>2010</b> , 40, 633-52	5.7	77
99	Human maternal and umbilical cord blood concentrations of polybrominated diphenyl ethers. <i>Chemosphere</i> , <b>2011</b> , 84, 1301-9	8.4	73
98	Environmental dioxins and endometriosis. <i>Toxicological Sciences</i> , <b>2002</b> , 70, 161-70	4.4	71
97	Canadian semen quality: an analysis of sperm density among eleven academic fertility centers. <i>Fertility and Sterility</i> , <b>1998</b> , 70, 76-80	4.8	70
96	Cigarette smoke exposure leads to follicle loss via an alternative ovarian cell death pathway in a mouse model. <i>Toxicological Sciences</i> , <b>2012</b> , 125, 274-84	4.4	67

95	Environmental contaminants and human infertility: hypothesis or cause for concern?. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , <b>2008</b> , 11, 162-76	8.6	67
94	Detection of phytoestrogens in samples of second trimester human amniotic fluid. <i>Toxicology Letters</i> , <b>2002</b> , 129, 199-205	4.4	67
93	Atrazine-induced changes in aromatase activity in estrogen sensitive target tissues. <i>Journal of Applied Toxicology</i> , <b>2008</b> , 28, 260-70	4.1	64
92	Cigarette smoke exposure elicits increased autophagy and dysregulation of mitochondrial dynamics in murine granulosa cells. <i>Biology of Reproduction</i> , <b>2013</b> , 88, 63	3.9	61
91	Interactions between endosulfan and dieldrin on estrogen-mediated processes in vitro and in vivo. <i>Reproductive Toxicology</i> , <b>1997</b> , 11, 791-8	3.4	60
90	Quantitative determination of nine urinary metabolites of organophosphate flame retardants using solid phase extraction and ultra performance liquid chromatography coupled to tandem mass spectrometry (UPLC-MS/MS). <i>Journal of Chromatography B: Analytical Technologies in the Chemical and Life Sciences</i> , <b>2016</b> , 1014, 21-30	3.2	57
89	Effect of in vitro exposure to benzo[a]pyrene, a component of cigarette smoke, on folliculogenesis, steroidogenesis and oocyte nuclear maturation. <i>Reproductive Toxicology</i> , <b>2011</b> , 31, 402-8	3.4	57
88	Subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin modulates the pathophysiology of endometriosis in the cynomolgus monkey. <i>Toxicological Sciences</i> , <b>2000</b> , 56, 374-81	4.4	55
87	Critical comments on the WHO-UNEP State of the Science of Endocrine Disrupting Chemicals - 2012. <i>Regulatory Toxicology and Pharmacology</i> , <b>2014</b> , 69, 22-40	3.4	53
86	Dioxin-induced changes in epididymal sperm count and spermatogenesis. <i>Environmental Health Perspectives</i> , <b>2010</b> , 118, 458-64	8.4	49
85	The effects of dietary phytoestrogens on aromatase activity in human endometrial stromal cells. <i>Reproduction, Nutrition, Development</i> , <b>2005</b> , 45, 709-20		48
84	The link between environmental toxicant exposure and endometriosis. <i>Frontiers in Bioscience - Landmark</i> , <b>2008</b> , 13, 1578-93	2.8	47
83	Assessing brain-derived neurotrophic factor as a novel clinical marker of endometriosis. <i>Fertility and Sterility</i> , <b>2016</b> , 105, 119-28.e1-5	4.8	41
82	Synergistic effects between FSH and 1,1-dichloro-2,2-bis(P-chlorophenyl)ethylene (P,PSDDE) on human granulosa cell aromatase activity. <i>Human Reproduction</i> , <b>2004</b> , 19, 1089-93	5.7	39
81	Benzo-[a]-pyrene increases invasion in MDA-MB-231 breast cancer cells via increased COX-II expression and prostaglandin E2 (PGE2) output. <i>Clinical and Experimental Metastasis</i> , <b>2005</b> , 22, 149-56	4.7	39
80	Cigarette smoke condensate exposure delays follicular development and function in a stage-dependent manner. <i>Fertility and Sterility</i> , <b>2011</b> , 95, 2410-7	4.8	38
79	Cigarette smoke exposure triggers the autophagic cascade via activation of the AMPK pathway in mice. <i>Biology of Reproduction</i> , <b>2015</b> , 93, 93	3.9	35
78	Maternal exposure to butyl paraben impairs testicular structure and sperm quality on male rats. <i>Environmental Toxicology</i> , <b>2017</b> , 32, 1273-1289	4.2	35

77	Bisphenol A concentration-dependently increases human granulosa-lutein cell matrix metalloproteinase-9 (MMP-9) enzyme output. <i>Reproductive Toxicology</i> , <b>2008</b> , 25, 420-5	3.4	35
76	Circulating metals and persistent organic pollutant concentrations in Canadian and non-Canadian born primiparous women from five Canadian centres: results of a pilot biomonitoring study. <i>Science of the Total Environment</i> , <b>2012</b> , 435-436, 326-36	10.2	32
75	The brain-uterus connection: brain derived neurotrophic factor (BDNF) and its receptor (Ntrk2) are conserved in the mammalian uterus. <i>PLoS ONE</i> , <b>2014</b> , 9, e94036	3.7	31
74	Continuous exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin inhibits the growth of surgically induced endometriosis in the ovariectomized mouse treated with high dose estradiol. <i>Toxicology and Industrial Health</i> , <b>1997</b> , 13, 15-25	1.8	30
73	Mammary gland morphology in Sprague-Dawley rats following treatment with an organochlorine mixture in utero and neonatal genistein. <i>Toxicological Sciences</i> , <b>2004</b> , 77, 91-100	4.4	29
72	Aryl hydrocarbon receptor antagonists attenuate the deleterious effects of benzo[a]pyrene on isolated rat follicle development. <i>Reproductive BioMedicine Online</i> , <b>2010</b> , 21, 100-8	4	28
71	Assessing and managing risks arising from exposure to endocrine-active chemicals. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , <b>2008</b> , 11, 351-72	8.6	28
70	Effects of genistein or soy milk during late gestation and lactation on adult uterine organization in the rat. <i>Experimental Biology and Medicine</i> , <b>2004</b> , 229, 108-17	3.7	28
69	Human exposure to environmental contaminants and congenital anomalies: a critical review. <i>Critical Reviews in Toxicology</i> , <b>2017</b> , 47, 59-84	5.7	27
68	Estrogen induced changes in uterine brain-derived neurotrophic factor and its receptors. <i>Human Reproduction</i> , <b>2015</b> , 30, 925-36	5.7	26
67	Endocrine toxicants including 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and dioxin-like chemicals and endometriosis: is there a link?. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , <b>2008</b> , 11, 177-87	8.6	26
66	MicroRNA expression pattern differs depending on endometriosis lesion type. <i>Biology of Reproduction</i> , <b>2018</b> , 98, 623-633	3.9	24
65	Comparing plasma concentrations of persistent organic pollutants and metals in primiparous women from northern and southern Canada. <i>Science of the Total Environment</i> , <b>2014</b> , 479-480, 306-18	10.2	24
64	The cigarette smoke constituent benzo[a]pyrene disrupts metabolic enzyme, and apoptosis pathway member gene expression in ovarian follicles. <i>Reproductive Toxicology</i> , <b>2013</b> , 40, 52-9	3.4	24
63	Dichlorodiphenylchloroethylene elevates cytosolic calcium concentrations and oscillations in primary cultures of human granulosa-lutein cells. <i>Biology of Reproduction</i> , <b>2004</b> , 70, 1693-700	3.9	24
62	Tyrosine receptor kinase B (TrkB) protein expression in the human endometrium. <i>Endocrine</i> , <b>2007</b> , 31, 167-73	4	22
61	DDE-induced changes in aromatase activity in endometrial stromal cells in culture. <i>Endocrine</i> , <b>2005</b> , 27, 45-50		21
60	Stress lowers the threshold dose at which bisphenol A disrupts blastocyst implantation, in conjunction with decreased uterine closure and e-cadherin. <i>Chemico-Biological Interactions</i> , <b>2015</b> , 237, 87-95	5	20

59	Comments on the opinions published by Bergman et al. (2015) on Critical Comments on the WHO-UNEP State of the Science of Endocrine Disrupting Chemicals (Lamb et al., 2014). <i>Regulatory Toxicology and Pharmacology</i> , <b>2015</b> , 73, 754-7	3.4	20
58	Developmental and lactational exposure to dieldrin alters mammary tumorigenesis in Her2/neu transgenic mice. <i>PLoS ONE</i> , <b>2009</b> , 4, e4303	3.7	19
57	Quantitative determination of free and total bisphenol A in human urine using labeled BPA glucuronide and isotope dilution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 4381-92	4.4	18
56	Rethinking endometriosis care: applying the chronic care model via a multidisciplinary program for the care of women with endometriosis. <i>International Journal of Women's Health</i> , <b>2019</b> , 11, 405-410	2.8	17
55	Melatonin activity and receptor expression in endometrial tissue and endometriosis. <i>Human Reproduction</i> , <b>2019</b> , 34, 1215-1224	5.7	16
54	Reduction in Endometrioma Size with Three Months of Aromatase Inhibition and Progestin Add-Back. <i>BioMed Research International</i> , <b>2015</b> , 2015, 878517	3	16
53	Brain-derived neurotrophic factor (BDNF) expression and function in the mammalian reproductive Tract. <i>Human Reproduction Update</i> , <b>2020</b> , 26, 545-564	15.8	15
52	Effects of in vitro exposure to butylparaben and di-(2 ethylhexyl) phthalate, alone or in combination, on ovarian function. <i>Journal of Applied Toxicology</i> , <b>2016</b> , 36, 1235-45	4.1	15
51	Screening for DNA adducts in ovarian follicles exposed to benzo[a]pyrene and cigarette smoke condensate using liquid chromatography-tandem mass spectrometry. <i>Science of the Total Environment</i> , <b>2017</b> , 575, 742-749	10.2	15
50	Treatment of Endometriosis with the GnRHa Deslorelin and Add-Back Estradiol and Supplementary Testosterone. <i>BioMed Research International</i> , <b>2015</b> , 2015, 934164	3	15
49	Phytoestrogens in human pregnancy. <i>Obstetrics and Gynecology International</i> , <b>2012</b> , 2012, 850313	2	15
48	Environmental contaminants and dietary factors in endometriosis. <i>Annals of the New York Academy of Sciences</i> , <b>2002</b> , 955, 213-29; discussion 230-2, 396-406	6.5	15
47	Identification of candidate microRNA markers of endometriosis with the use of next-generation sequencing and quantitative real-time polymerase chain reaction. <i>Fertility and Sterility</i> , <b>2020</b> , 113, 1232-1241	4.8	14
46	Gene expression of BDNF and its receptors, TrkB and p75 in the uterus and oviduct of pregnant and non-pregnant ewes. <i>Research in Veterinary Science</i> , <b>2013</b> , 95, 164-8	2.5	14
45	Brain-derived neurotrophic factor expression in granulosa lutein cells. <i>Reproductive BioMedicine Online</i> , <b>2011</b> , 22, 17-24	4	12
44	Dieldrin promotes resistance to anoikis in breast cancer cells in vitro. <i>Reproductive Toxicology</i> , <b>2008</b> , 25, 256-62	3.4	12
43	Environmental estrogens and endocrine disruption: importance of comparative endocrinology. <i>Endocrinology</i> , <b>2008</b> , 149, 4267-8	4.8	12
42	Do environmental contaminants adversely affect human reproductive physiology?. <i>Journal of Obstetrics and Gynaecology Canada</i> , <b>2003</b> , 25, 33-44	1.3	12

41	Dioxin-like activity and maternal thyroid hormone levels in second trimester maternal serum. <i>American Journal of Obstetrics and Gynecology</i> , <b>2005</b> , 193, 1900-7	6.4	12
40	Human developmental exposure to endocrine active compounds. <i>Environmental Toxicology and Pharmacology</i> , <b>2002</b> , 12, 75-81	5.8	12
39	Method for Electrochemical Detection of Brain Derived Neurotrophic Factor (BDNF) in Plasma. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 8561-8566	7.8	12
38	Concurrent administration of diethylhexyl phthalate reduces the threshold dose at which bisphenol A disrupts blastocyst implantation and cadherins in mice. <i>Environmental Toxicology and Pharmacology</i> , <b>2017</b> , 49, 105-111	5.8	11
37	The Impact of Endometriosis across the Lifespan of Women: Foreseeable Research and Therapeutic Prospects. <i>BioMed Research International</i> , <b>2015</b> , 2015, 158490	3	11
36	In vitro exposure to cigarette smoke induces oxidative stress in follicular cells of F1 hybrid mice. <i>Journal of Applied Toxicology</i> , <b>2014</b> , 34, 224-6	4.1	11
35	Neurotrophins (BDNF and NGF) in follicular fluid of women with different infertility diagnoses. <i>Reproductive BioMedicine Online</i> , <b>2012</b> , 24, 174-9	4	11
34	Toward less confusing terminology in endocrine disruptor research. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , <b>2008</b> , 11, 152-61	8.6	11
33	Endocrine Disruption and Human Reproductive Effects: An Overview. <i>Water Quality Research Journal of Canada</i> , <b>2001</b> , 36, 253-271	1.7	11
32	Identification of microRNAs as potential markers of ovarian toxicity. <i>Journal of Applied Toxicology</i> , <b>2018</b> , 38, 744-752	4.1	10
31	Do stressful life events during pregnancy modify associations between phthalates and anogenital distance in newborns?. <i>Environmental Research</i> , <b>2019</b> , 177, 108593	7.9	10
30	Environmental toxicants and human fertility. <i>Minerva Ginecologica</i> , <b>2003</b> , 55, 451-7	1.2	10
29	Stimulating effects of 4-chlorodiphenyl ether on surgically induced endometriosis in the mouse. <i>Reproductive Toxicology</i> , <b>1997</b> , 11, 69-75	3.4	9
28	Free bisphenol A (BPA), BPA-Glucuronide (BPA-G), and total BPA concentrations in maternal serum and urine during pregnancy and umbilical cord blood at delivery. <i>Emerging Contaminants</i> , <b>2019</b> , 5, 279-287	5.8	8
27	Clinical markers of endometriosis: have we been too quick to judge?. <i>Medical Hypotheses</i> , <b>2014</b> , 82, 493-501	5.0	8
26	Reporting results of biomonitoring studies. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 387, 137-40	4.4	7
25	Hydroxychloroquine attenuates cigarette smoke induced autophagic signaling in the mouse ovary. <i>Reproductive Toxicology</i> , <b>2016</b> , 61, 105-13	3.4	7
24	Dioxin-induced changes in epididymal sperm count and spermatogenesis. <i>Ciencia E Saude Coletiva</i> , <b>2011</b> , 16, 2893-905	2.2	6

23	Fetal and early postnatal environmental contaminant exposures and reproductive health effects in the female. <i>Fertility and Sterility</i> , <b>2008</b> , 89, e53-4	4.8	6
22	What motivates women to take part in clinical and basic science endometriosis research?. <i>Bioethics</i> , <b>2007</b> , 21, 263-9	2	6
21	Endocrine disrupters and ovarian function. <i>International Congress Series</i> , <b>2004</b> , 1266, 126-132		6
20	Appraisal of systematic reviews on interventions for postpartum depression: systematic review. <i>BMC Pregnancy and Childbirth</i> , <b>2021</b> , 21, 18	3.2	6
19	Real-world characteristics of women with endometriosis-related pain entering a multidisciplinary endometriosis program. <i>BMC Women's Health</i> , <b>2021</b> , 21, 19	2.9	4
18	Gene expression in oogenesis and implications for transgenerational effects of environmental toxicants. <i>Biology of Reproduction</i> , <b>2011</b> , 84, 2-4	3.9	3
17	Developmental and lactational exposure to environmentally relevant concentrations of dieldrin does not alter pregnancy outcome and mammary gland morphology in BALB/c mice. <i>Environmental Research</i> , <b>2008</b> , 108, 21-7	7.9	3
16	A Selective and Sensitive Gas Chromatography-Tandem Mass Spectrometry Method for Quantitation of Synthetic Musks in Human Serum. <i>Journal of AOAC INTERNATIONAL</i> , <b>2020</b> , 103, 1461-1468	1.7	3
15	Ovarian Toxicity of Environmental Contaminants: 50 Shades of Grey. <i>Molecular and Integrative Toxicology</i> , <b>2016</b> , 215-244	0.5	3
14	Prenatal perfluoroalkyl substances and newborn anogenital distance in a Canadian cohort. <i>Reproductive Toxicology</i> , <b>2020</b> , 94, 31-39	3.4	3
13	Endometrial microbiota is more diverse in people with endometriosis than symptomatic controls. <i>Scientific Reports</i> , <b>2021</b> , 11, 18877	4.9	3
12	Hypoxia-induced autophagy, epithelial to mesenchymal transition, and invasion in the pathophysiology of endometriosis: a perspective. <i>Biology of Reproduction</i> , <b>2018</b> , 99, 905-906	3.9	2
11	Factors affecting stability of plasma brain-derived neurotrophic factor. <i>Scientific Reports</i> , <b>2020</b> , 10, 20232	2.9	2
10	Urinary phthalates and body mass index in preschool children: The MIREC Child Development Plus study. <i>International Journal of Hygiene and Environmental Health</i> , <b>2021</b> , 232, 113689	6.9	1
9	The Link between Environmental Toxicant Exposure and Endometriosis Re-Examined		1
8	Exosomes and their cargo are important regulators of cell function in endometriosis. <i>Reproductive BioMedicine Online</i> , <b>2021</b> , 43, 370-378	4	1
7	CD200S-positive granulated lymphoid cells in endometrium appear to be CD56-positive uterine NK cells.. <i>Journal of Reproductive Immunology</i> , <b>2022</b> , 150, 103477	4.2	0
6	Endometriosis - novel approaches and controversies debated.. <i>Reproduction and Fertility</i> , <b>2021</b> , 2, C39-C41	1	0

- 5 A critical appraisal of the circulating levels of differentially expressed microRNA in endometriosis □  
*Biology of Reproduction*, **2021**, 105, 1075-1085 3.9 ○
- 4 Quality appraisal of systematic reviews on methods of labour induction: a systematic review.  
*Archives of Gynecology and Obstetrics*, **2021**, 304, 1417-1426 2.5 ○
- 3 Reproductive Toxicity of Environmental Contaminants in the Female **2018**, 702-706
- 2 Voluntary Exposures: Natural Herbals, Supplements, and Substances of Abuse □What Evidence Distinguishes Therapeutic from Adverse Responses?199-212
- 1 Advances in understanding the effects of in utero exposure to chemicals. *F1000Research*,8, 2116 3.6