

# Vickie S Wilson

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

6,782  
citations

57758

44  
h-index

62596

80  
g-index

83  
all docs

83  
docs citations

83  
times ranked

5491  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hexafluoropropylene oxide-dimer acid (HFPO-DA or GenX) alters maternal and fetal glucose and lipid metabolism and produces neonatal mortality, low birthweight, and hepatomegaly in the Sprague-Dawley rat. <i>Environment International</i> , 2021, 146, 106204.	10.0	80
2	Genomic and Hormonal Biomarkers of Phthalate-Induced Male Rat Reproductive Developmental Toxicity Part II: A Targeted RT-qPCR Array Approach That Defines a Unique Adverse Outcome Pathway. <i>Toxicological Sciences</i> , 2021, 182, 195-214.	3.1	9
3	In vitro effects-based method and water quality screening model for use in pre- and post-distribution treated waters. <i>Science of the Total Environment</i> , 2021, 768, 144750.	8.0	11
4	Public and private tapwater: Comparative analysis of contaminant exposure and potential risk, Cape Cod, Massachusetts, USA. <i>Environment International</i> , 2021, 152, 106487.	10.0	18
5	Pilot-scale expanded assessment of inorganic and organic tapwater exposures and predicted effects in Puerto Rico, USA. <i>Science of the Total Environment</i> , 2021, 788, 147721.	8.0	17
6	A mixture of 15 phthalates and pesticides below individual chemical no observed adverse effect levels (NOAELs) produces reproductive tract malformations in the male rat. <i>Environment International</i> , 2021, 156, 106615.	10.0	33
7	De Facto Water Reuse: Bioassay suite approach delivers depth and breadth in endocrine active compound detection. <i>Science of the Total Environment</i> , 2020, 699, 134297.	8.0	24
8	Quantification of the Uncertainties in Extrapolating From In Vitro Androgen Receptor Antagonism to In Vivo Hershberger Assay Endpoints and Adverse Reproductive Development in Male Rats. <i>Toxicological Sciences</i> , 2020, 176, 297-311.	3.1	6
9	Mixed organic and inorganic tapwater exposures and potential effects in greater Chicago area, USA. <i>Science of the Total Environment</i> , 2020, 719, 137236.	8.0	32
10	Predictive Analysis Using Chemical-Gene Interaction Networks Consistent with Observed Endocrine Activity and Mutagenicity of U.S. Streams. <i>Environmental Science &amp; Technology</i> , 2019, 53, 8611-8620.	10.0	9
11	Generalized Concentration Addition Model Predicts Glucocorticoid Activity Bioassay Responses to Environmentally Detected Receptor-Ligand Mixtures. <i>Toxicological Sciences</i> , 2019, 168, 252-263.	3.1	12
12	A Conflicted Tale of Two Novel AR Antagonists In Vitro and In Vivo: Pyrfluquinazon Versus Bisphenol C. <i>Toxicological Sciences</i> , 2019, 168, 632-643.	3.1	14
13	Adverse Maternal, Fetal, and Postnatal Effects of Hexafluoropropylene Oxide Dimer Acid (GenX) from Oral Gestational Exposure in Sprague-Dawley Rats. <i>Environmental Health Perspectives</i> , 2019, 127, 37008.	6.0	109
14	In utero exposure to simvastatin reduces postnatal survival and permanently alters reproductive tract development in the Crl:CD(SD) male rat. <i>Toxicology and Applied Pharmacology</i> , 2019, 365, 112-123.	2.8	8
15	Reconnaissance of Mixed Organic and Inorganic Chemicals in Private and Public Supply Tapwaters at Selected Residential and Workplace Sites in the United States. <i>Environmental Science &amp; Technology</i> , 2018, 52, 13972-13985.	10.0	41
16	Mixed "Antiandrogenic" Chemicals at Low Individual Doses Produce Reproductive Tract Malformations in the Male Rat. <i>Toxicological Sciences</i> , 2018, 164, 166-178.	3.1	49
17	Comparison of in vitro estrogenic activity and estrogen concentrations in source and treated waters from 25 U.S. drinking water treatment plants. <i>Science of the Total Environment</i> , 2017, 579, 1610-1617.	8.0	86
18	Occurrence and In Vitro Bioactivity of Estrogen, Androgen, and Glucocorticoid Compounds in a Nationwide Screen of United States Stream Waters. <i>Environmental Science &amp; Technology</i> , 2017, 51, 4781-4791.	10.0	93

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19	Nationwide reconnaissance of contaminants of emerging concern in source and treated drinking waters of the United States. <i>Science of the Total Environment</i> , 2017, 581-582, 909-922.	8.0	155
20	A Demonstration of the Uncertainty in Predicting the Estrogenic Activity of Individual Chemicals and Mixtures From an <i>In Vitro</i> Estrogen Receptor Transcriptional Activation Assay (T47D-KBluc) to the <i>In Vivo</i> Uterotrophic Assay Using Oral Exposure. <i>Toxicological Sciences</i> , 2016, 153, 382-395.	3.1	46
21	Establishing the "Biological Relevance" of Dipentyl Phthalate Reductions in Fetal Rat Testosterone Production and Plasma and Testis Testosterone Levels. <i>Toxicological Sciences</i> , 2016, 149, 178-191.	3.1	34
22	Effect-Based Screening Methods for Water Quality Characterization Will Augment Conventional Analyte-by-Analyte Chemical Methods in Research As Well As Regulatory Monitoring.. <i>Environmental Science &amp; Technology</i> , 2015, 49, 13906-13907.	10.0	17
23	Dose Addition Models Based on Biologically Relevant Reductions in Fetal Testosterone Accurately Predict Postnatal Reproductive Tract Alterations by a Phthalate Mixture in Rats. <i>Toxicological Sciences</i> , 2015, 148, 488-502.	3.1	54
24	Integrated assessment of runoff from livestock farming operations: Analytical chemistry, <i>in vitro</i> bioassays, and <i>in vivo</i> fish exposures. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1849-1857.	4.3	40
25	Simvastatin and Dipentyl Phthalate Lower <i>Ex Vivo</i> Testicular Testosterone Production and Exhibit Additive Effects on Testicular Testosterone and Gene Expression Via Distinct Mechanistic Pathways in the Fetal Rat. <i>Toxicological Sciences</i> , 2014, 141, 524-537.	3.1	33
26	Environmental Gestagens Activate Fathead Minnow ( <i>Pimephales promelas</i> ) Nuclear Progesterone and Androgen Receptors <i>in Vitro</i> . <i>Environmental Science &amp; Technology</i> , 2014, 48, 8179-8187.	10.0	58
27	A Short-term <i>In Vivo</i> Screen Using Fetal Testosterone Production, a Key Event in the Phthalate Adverse Outcome Pathway, to Predict Disruption of Sexual Differentiation. <i>Toxicological Sciences</i> , 2014, 140, 403-424.	3.1	115
28	Use of genomic data in risk assessment case study: II. Evaluation of the dibutyl phthalate toxicogenomic data set. <i>Toxicology and Applied Pharmacology</i> , 2013, 271, 349-362.	2.8	41
29	Utilizing toxicogenomic data to understand chemical mechanism of action in risk assessment. <i>Toxicology and Applied Pharmacology</i> , 2013, 271, 299-308.	2.8	47
30	Genomic Biomarkers of Phthalate-Induced Male Reproductive Developmental Toxicity: A Targeted RT-PCR Array Approach for Defining Relative Potency. <i>Toxicological Sciences</i> , 2012, 125, 544-557.	3.1	86
31	Modelling defined mixtures of environmental oestrogens found in domestic animal and sewage treatment effluents using an <i>in vitro</i> oestrogen-mediated transcriptional activation assay (T47D-KBluc). <i>Journal of Developmental and Physical Disabilities</i> , 2012, 35, 397-406.	3.6	23
32	Dose-Response Assessment of Fetal Testosterone Production and Gene Expression Levels in Rat Testes Following <i>In Utero</i> Exposure to Diethylhexyl Phthalate, Diisobutyl Phthalate, Diisoheptyl Phthalate, and Diisononyl Phthalate. <i>Toxicological Sciences</i> , 2011, 123, 206-216.	3.1	187
33	Dipentyl Phthalate Dosing during Sexual Differentiation Disrupts Fetal Testis Function and Postnatal Development of the Male Sprague-Dawley Rat with Greater Relative Potency than Other Phthalates. <i>Toxicological Sciences</i> , 2011, 120, 184-193.	3.1	54
34	Assessment of a robust model protocol with accelerated throughput for a human recombinant full length estrogen receptor- $\beta$ binding assay: Protocol optimization and intralaboratory assay performance as initial steps towards validation. <i>Reproductive Toxicology</i> , 2010, 30, 50-59.	2.9	15
35	Characterization of the androgen-sensitive MDA-MB2 cell line for assessing complex environmental mixtures. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1367-1376.	4.3	30
36	Differences in sensitivity but not selectivity of xenoestrogen binding to alligator versus human estrogen receptor alpha. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 2064-2071.	4.3	15

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37	Modeling the Interaction of Binary and Ternary Mixtures of Estradiol with Bisphenol A and Bisphenol AF in an In Vitro Estrogen-Mediated Transcriptional Activation Assay (T47D-KBluc). <i>Toxicological Sciences</i> , 2010, 116, 477-487.	3.1	44
38	Comparison of Five in Vitro Bioassays to Measure Estrogenic Activity in Environmental Waters. <i>Environmental Science &amp; Technology</i> , 2010, 44, 3853-3860.	10.0	176
39	Cumulative Effects of In Utero Administration of Mixtures of Antiandrogens on Male Rat Reproductive Development. <i>Toxicologic Pathology</i> , 2009, 37, 100-113.	1.8	98
40	Pubertal Administration of DEHP Delays Puberty, Suppresses Testosterone Production, and Inhibits Reproductive Tract Development in Male Sprague-Dawley and Long-Evans Rats. <i>Toxicological Sciences</i> , 2009, 111, 163-178.	3.1	103
41	COMPARISON OF CHEMICAL BINDING TO RECOMBINANT FATHEAD MINNOW AND HUMAN ESTROGEN RECEPTORS ALPHA IN WHOLE CELL AND CELL-FREE BINDING ASSAYS. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2175.	4.3	23
42	Development of a competitive binding assay system with recombinant estrogen receptors from multiple species. <i>Toxicology Letters</i> , 2009, 184, 85-89.	0.8	15
43	The herbicide linuron reduces testosterone production from the fetal rat testis during both in utero and in vitro exposures. <i>Toxicology Letters</i> , 2009, 186, 73-77.	0.8	55
44	Cumulative and Antagonistic Effects of a Mixture of the Antiandrogens Vinclozolin and Iprodione in the Pubertal Male Rat. <i>Toxicological Sciences</i> , 2009, 111, 179-188.	3.1	43
45	A mixture of seven antiandrogens induces reproductive malformations in rats. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 249-262.	3.6	173
46	Diverse mechanisms of antiandrogen action: impact on male rat reproductive tract development. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 178-187.	3.6	115
47	Mechanisms of action of phthalate esters, individually and in combination, to induce abnormal reproductive development in male laboratory rats. <i>Environmental Research</i> , 2008, 108, 168-176.	7.5	224
48	Of Mice and Men (and Mosquitofish): Antiandrogens and Androgens in the Environment. <i>BioScience</i> , 2008, 58, 1037-1050.	4.9	27
49	Fifteen Years after "Wingspread" Environmental Endocrine Disruptors and Human and Wildlife Health: Where We are Today and Where We Need to Go. <i>Toxicological Sciences</i> , 2008, 105, 235-259.	3.1	408
50	Gestational and Lactational Exposure to Ethinyl Estradiol, but not Bisphenol A, Decreases Androgen-Dependent Reproductive Organ Weights and Epididymal Sperm Abundance in the Male Long Evans Hooded Rat. <i>Toxicological Sciences</i> , 2008, 102, 371-382.	3.1	148
51	A Mixture of Five Phthalate Esters Inhibits Fetal Testicular Testosterone Production in the Sprague-Dawley Rat in a Cumulative, Dose-Additive Manner. <i>Toxicological Sciences</i> , 2008, 105, 153-165.	3.1	370
52	Sensitivity of Fetal Rat Testicular Steroidogenesis to Maternal Prochloraz Exposure and the Underlying Mechanism of Inhibition. <i>Toxicological Sciences</i> , 2007, 97, 512-519.	3.1	49
53	Prochloraz Inhibits Testosterone Production at Dosages below Those that Affect Androgen-Dependent Organ Weights or the Onset of Puberty in the Male Sprague Dawley Rat. <i>Toxicological Sciences</i> , 2007, 97, 65-74.	3.1	62
54	Cumulative Effects of Dibutyl Phthalate and Diethylhexyl Phthalate on Male Rat Reproductive Tract Development: Altered Fetal Steroid Hormones and Genes. <i>Toxicological Sciences</i> , 2007, 99, 190-202.	3.1	239

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55	Differential expression of the phthalate syndrome in male Sprague-Dawley and Wistar rats after in utero DEHP exposure. <i>Toxicology Letters</i> , 2007, 170, 177-184.	0.8	47
56	Iprodione delays male rat pubertal development, reduces serum testosterone levels, and decreases ex vivo testicular testosterone production. <i>Toxicology Letters</i> , 2007, 174, 74-81.	0.8	53
57	Identification of Estrogenic Compounds Emitted from the Combustion of Computer Printed Circuit Boards in Electronic Waste. <i>Environmental Science &amp; Technology</i> , 2007, 41, 8506-8511.	10.0	68
58	Competitive binding comparison of endocrine-disrupting compounds to recombinant androgen receptor from fathead minnow, rainbow trout, and human. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1793-1802.	4.3	61
59	Adverse effects of environmental antiandrogens and androgens on reproductive development in mammals. <i>Journal of Developmental and Physical Disabilities</i> , 2006, 29, 96-104.	3.6	282
60	DETECTION OF ANDROGENIC ACTIVITY IN EMISSIONS FROM DIESEL FUEL AND BIOMASS COMBUSTION. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2123.	4.3	12
61	Identification of Metabolites of Trenbolone Acetate in Androgenic Runoff from a Beef Feedlot. <i>Environmental Health Perspectives</i> , 2006, 114, 65-68.	6.0	152
62	Gene expression analysis in the ventral prostate of rats exposed to vinclozolin or procymidone. <i>Reproductive Toxicology</i> , 2005, 19, 367-379.	2.9	20
63	Effects of Two Fungicides with Multiple Modes of Action on Reproductive Endocrine Function in the Fathead Minnow ( <i>Pimephales promelas</i> ). <i>Toxicological Sciences</i> , 2005, 86, 300-308.	3.1	187
64	Late Gestational Exposure to the Fungicide Prochloraz Delays the Onset of Parturition and Causes Reproductive Malformations in Male but Not Female Rat Offspring. <i>Biology of Reproduction</i> , 2005, 72, 1324-1335.	2.7	92
65	The U.S. EPA Endocrine Disruptor Screening Program. , 2005, , 489-523.		0
66	Development and Characterization of a Cell Line That Stably Expresses an Estrogen-Responsive Luciferase Reporter for the Detection of Estrogen Receptor Agonist and Antagonists. <i>Toxicological Sciences</i> , 2004, 81, 69-77.	3.1	253
67	Cloning and In Vitro Expression and Characterization of the Androgen Receptor and Isolation of Estrogen Receptor $\beta$ from the Fathead Minnow ( <i>Pimephales promelas</i> ). <i>Environmental Science &amp; Technology</i> , 2004, 38, 6314-6321.	10.0	52
68	Evaluation of the Model Anti-androgen Flutamide for Assessing the Mechanistic Basis of Responses to an Androgen in the Fathead Minnow ( <i>Pimephales promelas</i> ). <i>Environmental Science &amp; Technology</i> , 2004, 38, 6322-6327.	10.0	73
69	Phthalate ester-induced gubernacular lesions are associated with reduced insl3 gene expression in the fetal rat testis. <i>Toxicology Letters</i> , 2004, 146, 207-215.	0.8	252
70	Toxicant-Induced Hypospadias in the Male Rat. <i>Advances in Experimental Medicine and Biology</i> , 2004, 545, 217-241.	1.6	21
71	Environmental Androgens and Antiandrogens. , 2004, , 313-343.		0
72	Effects of the androgenic growth promoter 17 $\alpha$ -E-trenbolone on fecundity and reproductive endocrinology of the fathead minnow. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 1350-1360.	4.3	352

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73	EFFECTS OF THE ANDROGENIC GROWTH PROMOTER 17- $\beta$ -TRENBOLONE ON FECUNDITY AND REPRODUCTIVE ENDOCRINOLOGY OF THE FATHEAD MINNOW. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 1350.	4.3	13
74	Effects of the androgenic growth promoter 17-beta-trenbolone on fecundity and reproductive endocrinology of the fathead minnow. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 1350-60.	4.3	57
75	DNA Arrays to Monitor Gene Expression in Rat Blood and Uterus following 17beta-Estradiol Exposure: Biomonitoring Environmental Effects Using Surrogate Tissues. <i>Toxicological Sciences</i> , 2002, 69, 49-59.	3.1	30
76	In Vitro and in Vivo Effects of 17beta-Trenbolone: A Feedlot Effluent Contaminant. <i>Toxicological Sciences</i> , 2002, 70, 202-211.	3.1	121
77	A Novel Cell Line, MDA-kb2, That Stably Expresses an Androgen- and Glucocorticoid-Responsive Reporter for the Detection of Hormone Receptor Agonists and Antagonists. <i>Toxicological Sciences</i> , 2002, 66, 69-81.	3.1	296
78	Evaluation of androstenedione as an androgenic component of river water downstream of a pulp and paper mill effluent. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1973-1976.	4.3	74
79	EVALUATION OF ANDROSTENEDIONE AS AN ANDROGENIC COMPONENT OF RIVER WATER DOWNSTREAM OF A PULP AND PAPER MILL EFFLUENT. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1973.	4.3	5
80	Evaluation of androstenedione as an androgenic component of river water downstream of a pulp and paper mill effluent. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1973-6.	4.3	10
81	Endosulfan Elevates Testosterone Biotransformation and Clearance in CD-1 Mice. <i>Toxicology and Applied Pharmacology</i> , 1998, 148, 158-168.	2.8	60
82	Pesticides: multiple mechanisms of demasculinization. <i>Molecular and Cellular Endocrinology</i> , 1997, 126, 1-5.	3.2	61