

Michael G Wade

List of Publications by Year in descending order

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72
papers

2,856
citations

136740

32
h-index

182168

51
g-index

75
all docs

75
docs citations

75
times ranked

3919
citing authors

#	ARTICLE	IF	CITATIONS
1	Disruption by stealth - Interference of endocrine disrupting chemicals on hormonal crosstalk with thyroid axis function in humans and other animals. <i>Environmental Research</i> , 2022, 203, 111906.	3.7	29
2	Increased gut serotonin production in response to bisphenol A structural analogs may contribute to their obesogenic effects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2022, 323, E80-E091.	1.8	4
3	<i>In Utero</i> and Lactational Exposure to an Environmentally Relevant Mixture of Brominated Flame Retardants Induces a Premature Development of the Mammary Glands. <i>Toxicological Sciences</i> , 2021, 179, 206-219.	1.4	7
4	The pesticide chlorpyrifos promotes obesity by inhibiting diet-induced thermogenesis in brown adipose tissue. <i>Nature Communications</i> , 2021, 12, 5163.	5.8	47
5	A rapid assay of human thyroid peroxidase activity. <i>Toxicology in Vitro</i> , 2020, 62, 104662.	1.1	11
6	<i>In Utero</i> and Lactational Exposure to Flame Retardants Disrupts Rat Ovarian Follicular Development and Advances Puberty. <i>Toxicological Sciences</i> , 2020, 175, 197-209.	1.4	19
7	Gestational and Lactational Exposure to an Environmentally Relevant Mixture of Brominated Flame Retardants Downregulates Junctional Proteins, Thyroid Hormone Receptor β 1 Expression, and the Proliferation-Apoptosis Balance in Mammary Glands Post Puberty. <i>Toxicological Sciences</i> , 2019, 171, 13-31.	1.4	8
8	Toxicity of Flame Retardant Isopropylated Triphenyl Phosphate: Liver, Adrenal, and Metabolic Effects. <i>International Journal of Toxicology</i> , 2019, 38, 279-290.	0.6	19
9	Development of a non-radioactive screening assay to detect chemicals disrupting the human sodium iodide symporter activity. <i>Toxicology in Vitro</i> , 2019, 57, 39-47.	1.1	9
10	Application of a nonradioactive assay for high throughput screening for inhibition of thyroid hormone uptake via the transmembrane transporter MCT8. <i>Toxicology in Vitro</i> , 2017, 40, 234-242.	1.1	29
11	Recommended approaches in the application of toxicogenomics to derive points of departure for chemical risk assessment. <i>Archives of Toxicology</i> , 2017, 91, 2045-2065.	1.9	132
12	Gestational and Lactational Exposure to an Environmentally Relevant Mixture of Brominated Flame Retardants: Effects on Neurodevelopment and Metabolism. <i>Birth Defects Research</i> , 2017, 109, 497-512.	0.8	19
13	From the Cover: Exposure to an Environmentally Relevant Mixture of Brominated Flame Retardants Decreased p- β -Catenin ^{S675} Expression and Its Interaction With E-Cadherin in the Mammary Glands of Lactating Rats. <i>Toxicological Sciences</i> , 2017, 159, 114-123.	1.4	10
14	TRH Action Is Impaired in Pituitaries of Male IGSF1-Deficient Mice. <i>Endocrinology</i> , 2017, 158, 815-830.	1.4	32
15	Ozone Inhalation Provokes Glucocorticoid-Dependent and -Independent Effects on Inflammatory and Metabolic Pathways. <i>Toxicological Sciences</i> , 2016, 152, 17-28.	1.4	55
16	Gestational and Early Postnatal Exposure to an Environmentally Relevant Mixture of Brominated Flame Retardants: General Toxicity and Skeletal Variations. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2016, 107, 157-168.	1.4	28
17	Hepatic miRNA profiles and thyroid hormone homeostasis in rats exposed to dietary potassium perfluorooctanesulfonate (PFOS). <i>Environmental Toxicology and Pharmacology</i> , 2016, 41, 201-210.	2.0	34
18	Exposure of Female Rats to an Environmentally Relevant Mixture of Brominated Flame Retardants Targets the Ovary, Affecting Folliculogenesis and Steroidogenesis. <i>Biology of Reproduction</i> , 2016, 94, 9.	1.2	33

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19	Toxicogenomic assessment of liver responses following subchronic exposure to furan in Fischer F344 rats. <i>Archives of Toxicology</i> , 2016, 90, 1351-1367.	1.9	48
20	Behavioral and thyroid effects of in utero and lactational exposure of Sprague-Dawley rats to the polybrominated diphenyl ether mixture DE71. <i>Neurotoxicology and Teratology</i> , 2015, 52, 127-142.	1.2	25
21	Transient Maternal Hypothyroxinemia Potentiates the Transcriptional Response to Exogenous Thyroid Hormone in the Fetal Cerebral Cortex Before the Onset of Fetal Thyroid Function: A Messenger and MicroRNA Profiling Study. <i>Cerebral Cortex</i> , 2015, 25, 1735-1745.	1.6	20
22	Induction of Adipocyte Differentiation by Polybrominated Diphenyl Ethers (PBDEs) in 3T3-L1 Cells. <i>PLoS ONE</i> , 2014, 9, e94583.	1.1	44
23	Bisphenol A increases p2 expression in 3T3L1 by enhancing the transcriptional activity of nuclear receptors at the promoter. <i>Adipocyte</i> , 2014, 3, 170-179.	1.3	44
24	Hair as a Biomarker of Systemic Exposure to Polybrominated Diphenyl Ethers. <i>Environmental Science & Technology</i> , 2014, 48, 14650-14658.	4.6	49
25	Exposure to an environmentally relevant mixture of brominated flame retardants affects fetal development in Sprague-Dawley rats. <i>Toxicology</i> , 2014, 320, 56-66.	2.0	32
26	Thyroid Hormone Response Element Half-Site Organization and Its Effect on Thyroid Hormone Mediated Transcription. <i>PLoS ONE</i> , 2014, 9, e101155.	1.1	24
27	Lessons learned, challenges, and opportunities: The U.S. Endocrine Disruptor Screening Program. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2014, 31, 63-78.	0.9	22
28	Identification of thyroid hormone receptor binding sites in developing mouse cerebellum. <i>BMC Genomics</i> , 2013, 14, 341.	1.2	11
29	Do perfluoroalkyl substances affect metabolic function and plasma lipids? Analysis of the 2007-2009, Canadian Health Measures Survey (CHMS) Cycle 1. <i>Environmental Research</i> , 2013, 121, 95-103.	3.7	104
30	The development of adverse outcome pathways for mutagenic effects for the organization for economic cooperation and development. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 79-81.	0.9	17
31	Interlaboratory Study Comparison of the 15-Day Intact Adult Male Rat Screening Assay: Evaluation of an Antithyroid Chemical and a Negative Control Chemical. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2012, 95, 63-78.	1.4	1
32	Effects of Chronic Exposure to an Environmentally Relevant Mixture of Brominated Flame Retardants on the Reproductive and Thyroid System in Adult Male Rats. <i>Toxicological Sciences</i> , 2012, 127, 496-507.	1.4	60
33	Loss-of-function mutations in IGSF1 cause an X-linked syndrome of central hypothyroidism and testicular enlargement. <i>Nature Genetics</i> , 2012, 44, 1375-1381.	9.4	169
34	Investigating the effects of dietary folic acid on sperm count, DNA damage and mutation in Balb/c mice. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 737, 1-7.	0.4	42
35	Effect of Environmental Contaminants on Beta Cell Function. <i>International Journal of Toxicology</i> , 2011, 30, 410-418.	0.6	46
36	Thyroid hormone-regulated gene expression in juvenile mouse liver: identification of thyroid response elements using microarray profiling and in silico analyses. <i>BMC Genomics</i> , 2011, 12, 634.	1.2	36

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37	Barhl1 is directly regulated by thyroid hormone in the developing cerebellum of mice. <i>Biochemical and Biophysical Research Communications</i> , 2011, 415, 157-162.	1.0	4
38	Low Levels of the Herbicide Atrazine Alter Sex Ratios and Reduce Metamorphic Success in <i>Rana pipiens</i> Tadpoles Raised in Outdoor Mesocosms. <i>Environmental Health Perspectives</i> , 2010, 118, 552-557.	2.8	72
39	Thyroid Hormone May Regulate mRNA Abundance in Liver by Acting on MicroRNAs. <i>PLoS ONE</i> , 2010, 5, e12136.	1.1	40
40	Identification of Thyroid Hormone Receptor Binding Sites and Target Genes Using CHIP-on-Chip in Developing Mouse Cerebellum. <i>PLoS ONE</i> , 2009, 4, e4610.	1.1	68
41	The Aromatase Inhibitor Fadrozole and the 5-Reductase Inhibitor Finasteride Affect Gonadal Differentiation and Gene Expression in the Frog <i>Silurana tropicalis</i> . <i>Sexual Development</i> , 2009, 3, 333-341.	1.1	37
42	Assessment of thyroid system disruption in <i>Rana pipiens</i> tadpoles chronically exposed to UVB radiation and 4-tert-octylphenol. <i>Aquatic Toxicology</i> , 2009, 95, 81-92.	1.9	22
43	Estrogenic exposure affects metamorphosis and alters sex ratios in the northern leopard frog (<i>Rana</i>) Tj ETQq1 1 0.784314 rgBT /Over 0.8 107 <i>Endocrinology</i> , 2008, 156, 515-523.	0.8	107
44	Testicular Cancer and Hormonally Active Agents— <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2008, 11, 260-275.	2.9	21
45	Methoxyacetic Acid-Induced Spermatocyte Death Is Associated with Histone Hyperacetylation in Rats1. <i>Biology of Reproduction</i> , 2008, 78, 822-831.	1.2	24
46	Toxicological Effects of In Utero and Lactational Exposure of Rats to a Mixture of Environmental Contaminants Detected in Canadian Arctic Human Populations. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008, 71, 93-108.	1.1	28
47	Hepatic Gene Expression Changes in Hypothyroid Juvenile Mice: Characterization of a Novel Negative Thyroid-Responsive Element. <i>Endocrinology</i> , 2007, 148, 3932-3940.	1.4	23
48	Proteomic investigation of 1,6-dimethoxyhexane testicular toxicity. <i>Environmental Toxicology and Pharmacology</i> , 2007, 24, 129-133.	2.0	4
49	Environmental Hazards: Evidence for Effects on Child Health. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2007, 10, 3-39.	2.9	144
50	Gas Chromatography Analysis of Urinary Alkoxyacetic Acids as Biomarkers of Exposure to Aliphatic Alkyl Ethers. <i>Journal of Analytical Toxicology</i> , 2006, 30, 252-257.	1.7	4
51	Testicular Toxicity of Candidate Fuel Additive 1,6-Dimethoxyhexane: Comparison with Several Similar Aliphatic Ethers. <i>Toxicological Sciences</i> , 2006, 89, 304-313.	1.4	7
52	Short-term oral toxicity of butyl ether, ethyl hexyl ether, methyl heptyl ether and 1,6-dimethoxyhexane in male rats and the role of 2-methoxyacetic acid. <i>Toxicology</i> , 2005, 214, 99-112.	2.0	7
53	Effects of Postnatal Exposure to a Mixture of Polychlorinated Biphenyls, p,p'-dichlorodiphenyltrichloroethane, and p,p'-dichlorodiphenyldichloroethene in Prepubertal and Adult Female Sprague-Dawley Rats. <i>International Journal of Toxicology</i> , 2005, 24, 111-127.	0.6	16
54	Toxicological Effects of Gestational and Lactational Exposure to a Mixture of Persistent Organochlorines in Rats: Systemic Effects. <i>Toxicological Sciences</i> , 2005, 88, 645-655.	1.4	12

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55	Molecular insight into the effects of hypothyroidism on the developing cerebellum. <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 1182-1193.	1.0	68
56	Changes in spermatozoal chromatin packaging and susceptibility to oxidative challenge during aging. <i>Fertility and Sterility</i> , 2005, 84, 1191-1198.	0.5	72
57	Exposure to Trichloroethylene and its Metabolites Causes Impairment of Sperm Fertilizing Ability in Mice. <i>Toxicological Sciences</i> , 2004, 82, 590-597.	1.4	14
58	Acquisition of Arylsulfatase A onto the Mouse Sperm Surface During Epididymal Transit. <i>Biology of Reproduction</i> , 2003, 69, 1183-1192.	1.2	47
59	The influence of dietary isoflavone on the uterotrophic response in juvenile rats. <i>Food and Chemical Toxicology</i> , 2003, 41, 1517-1525.	1.8	25
60	Early Developmental Neurotoxicity of a PCB/Organochlorine Mixture in Rodents after Gestational and Lactational Exposure. <i>Toxicological Sciences</i> , 2003, 77, 51-62.	1.4	58
61	Mammary Gland Morphology in Sprague-Dawley Rats following Treatment with an Organochlorine Mixture in Utero and Neonatal Genistein. <i>Toxicological Sciences</i> , 2003, 77, 91-100.	1.4	33
62	Thyroid Toxicity Due to Subchronic Exposure to a Complex Mixture of 16 Organochlorines, Lead, and Cadmium. <i>Toxicological Sciences</i> , 2002, 67, 207-218.	1.4	117
63	Effects of Subchronic Exposure to a Complex Mixture of Persistent Contaminants in Male Rats: Systemic, Immune, and Reproductive Effects. <i>Toxicological Sciences</i> , 2002, 67, 131-143.	1.4	110
64	Reproductive effects of tris(4-chlorophenyl)methanol in the rat. <i>Chemosphere</i> , 1999, 39, 709-724.	4.2	19
65	Interactions between endosulfan and dieldrin on estrogen-mediated processes in vitro and in vivo. <i>Reproductive Toxicology</i> , 1997, 11, 791-798.	1.3	65
66	An Overview of Some Reproductive Toxicology Studies Conducted At Health Canada. <i>Toxicology and Industrial Health</i> , 1996, 12, 447-459.	0.6	13
67	Influence of the Muscarinic Agonist Carbachol on Intracellular Ca ²⁺ in Chicken Granulosa Cells: I. Dependence on Follicular Maturation ¹ . <i>Biology of Reproduction</i> , 1995, 52, 721-728.	1.2	6
68	Release and Steroidogenic Actions of Polyunsaturated Fatty Acids in the Goldfish Testis ¹ . <i>Biology of Reproduction</i> , 1994, 51, 131-139.	1.2	81
69	Polyunsaturated fatty acids do not activate protein kinase C in the testis of the goldfish (<i>Carassius</i>) Tj ETQq1 1 0.784314 rgBT /Overl	0.9	5
70	Regulation of prostaglandin E and F production in the goldfish testis. <i>The Journal of Experimental Zoology</i> , 1993, 266, 108-115.	1.4	19
71	Arachidonic Acid and Prostaglandin E ₂ Stimulate Testosterone Production by Goldfish Testis in Vitro. <i>General and Comparative Endocrinology</i> , 1993, 90, 109-118.	0.8	73
72	The control of testicular androgen production in the goldfish: Effects of activators of different intracellular signalling pathways. <i>General and Comparative Endocrinology</i> , 1991, 83, 337-344.	0.8	37