R Thomas Zoeller

List of Publications by Citations

71 papers	9,074 citations	36 h-index	74 g-index
74 ext. papers	10,440 ext. citations	6.8 avg, IF	6 L-index

#	Paper	IF	Citations
71	Endocrine-disrupting chemicals: an Endocrine Society scientific statement. *Endocrine Reviews*, **2009**, 30, 293-342	27.2	2820
70	Hormones and endocrine-disrupting chemicals: low-dose effects and nonmonotonic dose responses. *Endocrine Reviews*, **2012**, 33, 378-455	27.2	1916
69	Endocrine-disrupting chemicals and public health protection: a statement of principles from The Endocrine Society. *Endocrinology*, **2012**, 153, 4097-110	4.8	663
68	Bisphenol-A, an environmental contaminant that acts as a thyroid hormone receptor antagonist in vitro, increases serum thyroxine, and alters RC3/neurogranin expression in the developing rat brain. *Endocrinology*, **2005**, 146, 607-12	4.8	371
67	General background on the hypothalamic-pituitary-thyroid (HPT) axis. *Critical Reviews in Toxicology*, **2007**, 37, 11-53	5.7	251
66	Consensus on the key characteristics of endocrine-disrupting chemicals as a basis for hazard identification. *Nature Reviews Endocrinology*, **2020**, 16, 45-57	15.2	224
65	Environmental chemicals as thyroid hormone analogues: new studies indicate that thyroid hormone receptors are targets of industrial chemicals?. *Molecular and Cellular Endocrinology*, **2005**, 242, 10-5	4.4	189
64	Environmental chemicals impacting the thyroid: targets and consequences. *Thyroid*, **2007**, 17, 811-7	6.2	177
63	Developmental exposure to polychlorinated biphenyls exerts thyroid hormone-like effects on the expression of RC3/neurogranin and myelin basic protein messenger ribonucleic acids in the developing rat brain. *Endocrinology*, **2000**, 141, 181-9	4.8	137
62	Exposure to endocrine-disrupting chemicals in the USA: a population-based disease burden and cost analysis. *Lancet Diabetes and Endocrinology,the*, **2016**, 4, 996-1003	18.1	132
61	Parma consensus statement on metabolic disruptors. *Environmental Health*, **2015**, 14, 54	6	125
60	Neurobehavioral deficits, diseases, and associated costs of exposure to endocrine-disrupting chemicals in the European Union. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, 1256-66	5.6	95
59	Project TENDR: Targeting Environmental Neuro-Developmental Risks The TENDR Consensus Statement. *Environmental Health Perspectives*, **2016**, 124, A118-22	8.4	88
58	A path forward in the debate over health impacts of endocrine disrupting chemicals. *Environmental Health*, **2014**, 13, 118	6	87
57	Scientific principles for the identification of endocrine-disrupting chemicals: a consensus statement. *Archives of Toxicology*, **2017**, 91, 1001-1006	5.8	86
56	Gestational urinary bisphenol A and maternal and newborn thyroid hormone concentrations: the HOME Study. *Environmental Research*, **2015**, 138, 453-60	7.9	84
55	Mode of action: developmental thyroid hormone insufficiency--neurological abnormalities resulting from exposure to propylthiouracil. *Critical Reviews in Toxicology*, **2005**, 35, 771-81	5.7	78

54	NIEHS/FDA CLARITY-BPA research program update. *Reproductive Toxicology*, **2015**, 58, 33-44	3.4	72
53	A new approach to synergize academic and guideline-compliant research: the CLARITY-BPA research program. *Reproductive Toxicology*, **2013**, 40, 35-40	3.4	72
52	Endocrine-Disrupting Activity of Hydraulic Fracturing Chemicals and Adverse Health Outcomes After Prenatal Exposure in Male Mice. *Endocrinology*, **2015**, 156, 4458-73	4.8	68
51	Individual polychlorinated biphenyl (PCB) congeners produce tissue- and gene-specific effects on thyroid hormone signaling during development. *Endocrinology*, **2011**, 152, 2909-19	4.8	67
50	The balance between oligodendrocyte and astrocyte production in major white matter tracts is linearly related to serum total thyroxine. *Endocrinology*, **2008**, 149, 2527-36	4.8	64
49	Maternal thyroid hormone increases HES expression in the fetal rat brain: an effect mimicked by exposure to a mixture of polychlorinated biphenyls (PCBs). *Developmental Brain Research*, **2005**, 156, 13-22		59
48	Assessing dose-response relationships for endocrine disrupting chemicals (EDCs): a focus on non-monotonicity. *Environmental Health*, **2015**, 14, 42	6	56
47	Thyroid hormone of maternal origin regulates the expression of RC3/neurogranin mRNA in the fetal rat brain. *Molecular Brain Research*, **2000**, 82, 126-32		55
46	Endocrine disruption for endocrinologists (and others). *Endocrinology*, **2006**, 147, S1-3	4.8	53
45	Impacts of food contact chemicals on human health: a consensus statement. *Environmental Health*, **2020**, 19, 25	6	50
44	Effects of Prenatal Ethanol Exposure on Hypothalamic-Pituitary-Adrenal Responses to Chronic Cold Stress in Rats. *Alcoholism: Clinical and Experimental Research*, **1999**, 23, 301-310	3.7	49
43	Transplacental thyroxine and fetal brain development. *Journal of Clinical Investigation*, **2003**, 111, 954-7	15.9	47
42	Polybrominated diphenyl ethers (PBDEs) and hydroxylated PBDE metabolites (OH-PBDEs) in maternal and fetal tissues, and associations with fetal cytochrome P450 gene expression. *Environment International*, **2018**, 112, 269-278	12.9	46
41	Maternal urinary phthalate metabolites during pregnancy and thyroid hormone concentrations in maternal and cord sera: The HOME Study. *International Journal of Hygiene and Environmental Health*, **2018**, 221, 623-631	6.9	46
40	4-Hydroxy-PCB106 acts as a direct thyroid hormone receptor agonist in rat GH3 cells. *Molecular and Cellular Endocrinology*, **2006**, 257-258, 26-34	4.4	44
39	Maternal hypothyroidism selectively affects the expression of neuroendocrine-specific protein A messenger ribonucleic acid in the proliferative zone of the fetal rat brain cortex. *Endocrinology*, **2001**, 142, 390-9	4.8	43
38	Polychlorinated biphenyls (Aroclor 1254) do not uniformly produce agonist actions on thyroid hormone responses in the developing rat brain. *Endocrinology*, **2008**, 149, 4001-8	4.8	36
37	Challenges confronting risk analysis of potential thyroid toxicants. *Risk Analysis*, **2003**, 23, 143-62	3.9	36

36	Current and potential rodent screens and tests for thyroid toxicants. *Critical Reviews in Toxicology*, **2007**, 37, 55-95	5.7	35
35	Comparative Analyses of the 12 Most Abundant PCB Congeners Detected in Human Maternal Serum for Activity at the Thyroid Hormone Receptor and Ryanodine Receptor. *Environmental Science & Technology*, **2019**, 53, 3948-3958	10.3	34
34	Polybrominated diphenyl ether (PBDE) exposures and thyroid hormones in children at age 3 years. *Environment International*, **2018**, 117, 339-347	12.9	33
33	Implications of research on assays to characterize thyroid toxicants. *Critical Reviews in Toxicology*, **2007**, 37, 195-210	5.7	30
32	Maternal Thyroid Function During Pregnancy or Neonatal Thyroid Function and Attention Deficit Hyperactivity Disorder: A Systematic Review. *Epidemiology*, **2019**, 30, 130-144	3.1	28
31	Polybrominated diphenyl ether (DE-71) interferes with thyroid hormone action independent of effects on circulating levels of thyroid hormone in male rats. *Endocrinology*, **2014**, 155, 4104-12	4.8	27
30	Data integration, analysis, and interpretation of eight academic CLARITY-BPA studies. *Reproductive Toxicology*, **2020**, 98, 29-60	3.4	25
29	Associations of early life urinary triclosan concentrations with maternal, neonatal, and child thyroid hormone levels. *Hormones and Behavior*, **2018**, 101, 77-84	3.7	23
28	New insights into thyroid hormone action in the developing brain: the importance of T3 degradation. *Endocrinology*, **2010**, 151, 5089-91	4.8	21
27	Alteration of rat fetal cerebral cortex development after prenatal exposure to polychlorinated biphenyls. *PLoS ONE*, **2014**, 9, e91903	3.7	20
26	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. *Cerebral Cortex*, **2015**, 25, 1735-45	5.1	18
25	Prenatal Ethanol Exposure Selectively Reduces the mRNA Encoding 1 Thyroid Hormone Receptor in Fetal Rat Brain. *Alcoholism: Clinical and Experimental Research*, **1998**, 22, 2111-2117	3.7	18
24	Maternal serum perfluoroalkyl substance mixtures and thyroid hormone concentrations in maternal and cord sera: The HOME Study. *Environmental Research*, **2020**, 185, 109395	7.9	17
23	Removing Critical Gaps in Chemical Test Methods by Developing New Assays for the Identification of Thyroid Hormone System-Disrupting Chemicals-The ATHENA Project. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	17
22	Maternal Hypothyroidism Selectively Affects the Expression of Neuroendocrine-Specific Protein A Messenger Ribonucleic Acid in the Proliferative Zone of the Fetal Rat Brain Cortex*This work was supported by NIH Grants ES-8333 and AA-10418 and a Healey Endowment grant (to R.T.Z.).		17
21	N-ethylmaleimide (NEM) can significantly improve in situ hybridization results using 35S-labeled oligodeoxynucleotide or complementary RNA probes. *Journal of Histochemistry and Cytochemistry*, **1997**, 45, 1035-41	3.4	16
20	Urinary concentrations of phthalate biomarkers and weight change among postmenopausal women: a prospective cohort study. *Environmental Health*, **2019**, 18, 20	6	14
19	CLARITY-BPA: Bisphenol A or Propylthiouracil on Thyroid Function and Effects in the Developing Male and Female Rat Brain. *Endocrinology*, **2019**, 160, 1771-1785	4.8	14

18	Thresholds and Endocrine Disruptors: An Endocrine Society Policy Perspective. *Journal of the Endocrine Society*, **2020**, 4, bvaa085	0.4	13
17	Predictors of urinary phthalate biomarker concentrations in postmenopausal women. *Environmental Research*, **2019**, 169, 122-130	7.9	13
16	Identification of a phylogenetically conserved Sug1 CAD family member that is differentially expressed in the mouse nervous system. *Journal of Neurobiology*, **1997**, 33, 877-890		11
15	The Use and Misuse of Historical Controls in Regulatory Toxicology: Lessons from the CLARITY-BPA Study. *Endocrinology*, **2020**, 161,	4.8	11
14	Science-based regulation of endocrine disrupting chemicals in Europe: which approach?. *Lancet Diabetes and Endocrinology,the*, **2016**, 4, 643-646	18.1	9
13	Environmental neuroendocrine and thyroid disruption: relevance for reproductive medicine?. *Fertility and Sterility*, **2008**, 89, e99-e100	4.8	9
12	Thyroid hormones and neurobehavioral functions among adolescents chronically exposed to groundwater with geogenic arsenic in Bangladesh. *Science of the Total Environment*, **2019**, 678, 278-287	10.2	8
11	Endocrine disruptors: do family lines carry an epigenetic record of previous generationsU exposures?. *Endocrinology*, **2006**, 147, 5513-4	4.8	8
10	Collision of basic and applied approaches to risk assessment of thyroid toxicants. *Annals of the New York Academy of Sciences*, **2006**, 1076, 168-90	6.5	8
9	Update on Activities in Endocrine Disruptor Research and Policy. *Endocrinology*, **2019**, 160, 1681-1683	4.8	7
8	Differential display identifies neuroendocrine-specific protein-A (NSP-A) and interferon-inducible protein 10 (IP-10) as ethanol-responsive genes in the fetal rat brain. *Developmental Brain Research*, **2002**, 138, 117-33		6
7	Regulation of endocrine-disrupting chemicals insufficient to safeguard public health. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 1993-4	5.6	4
6	Endocrine-Disrupting Chemicals and Human Disease* **2016**, 2640-2652.e3		3
5	EU regulation of endocrine disruptors: a missed opportunity. *Lancet Diabetes and Endocrinology,the*, **2016**, 4, 649-650	18.1	3
4	Endocrine disrupting chemicals and thyroid hormone action. *Advances in Pharmacology*, **2021**, 92, 401-417	3.7	2
3	Urinary Phthalate Biomarkers and Bone Mineral Density in Postmenopausal Women. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, e2567-e2579	5.6	1
2	Do Environmental Chemicals Make Us Fat?. *Endocrinology*, **2017**, 158, 3086-3087	4.8	
1	Maternal, cord, and three-year-old child serum thyroid hormone concentrations in the Health Outcomes and Measures of the Environment study. *Clinical Endocrinology*, **2020**, 92, 366-372	3.4	