R Thomas Zoeller

List of Publications by Year
in descending order

73 papers	11,691 citations	76326 40 h-index	85541 71 g-index
74 all docs	74 docs citations	74 times ranked	11163 citing authors

#	Article	IF	Citations
1	Endocrine-Disrupting Chemicals: An Endocrine Society Scientific Statement. Endocrine Reviews, 2009, 30, 293-342.	20.1	3,491
2	Hormones and Endocrine-Disrupting Chemicals: Low-Dose Effects and Nonmonotonic Dose Responses. Endocrine Reviews, 2012, 33, 378-455.	20.1	2,413
3	Endocrine-Disrupting Chemicals and Public Health Protection: A Statement of Principles from The Endocrine Society. Endocrinology, 2012, 153, 4097-4110.	2.8	885
4	Consensus on the key characteristics of endocrine-disrupting chemicals as a basis for hazard identification. Nature Reviews Endocrinology, 2020, 16, 45-57.	9.6	484
5	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, 607-612.	2.8	414
6	General Background on the Hypothalamic-Pituitary-Thyroid (HPT) Axis. Critical Reviews in Toxicology, 2007, 37, 11-53.	3.9	314
7	Environmental chemicals as thyroid hormone analogues: New studies indicate that thyroid hormone receptors are targets of industrial chemicals?. Molecular and Cellular Endocrinology, 2005, 242, 10-15.	3.2	208
8	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.	11.4	204
9	Environmental Chemicals Impacting the Thyroid: Targets and Consequences. Thyroid, 2007, 17, 811-817.	4.5	201
10	Parma consensus statement on metabolic disruptors. Environmental Health, 2015, 14, 54.	4.0	174
11	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 Brain1. Endocrinology, 2000, 141, 181-189.	2.8	152
12	Neurobehavioral Deficits, Diseases, and Associated Costs of Exposure to Endocrine-Disrupting Chemicals in the European Union. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1256-1266.	3.6	133
13	Project TENDR: Targeting Environmental Neuro-Developmental Risks The TENDR Consensus Statement. Environmental Health Perspectives, 2016, 124, A118-22.	6.0	123
14	Scientific principles for the identification of endocrine-disrupting chemicals: a consensus statement. Archives of Toxicology, 2017, 91, 1001-1006.	4.2	118
15	A path forward in the debate over health impacts of endocrine disrupting chemicals. Environmental Health, 2014, 13, 118.	4.0	107
16	Gestational urinary bisphenol A and maternal and newborn thyroid hormone concentrations: The HOME Study. Environmental Research, 2015, 138, 453-460.	7.5	101
17	Impacts of food contact chemicals on human health: a consensus statement. Environmental Health, 2020, 19, 25.	4.0	100
18	Mode of Action: Developmental Thyroid Hormone Insufficiencyâ€"Neurological Abnormalities Resulting From Exposure to Propylthiouracil. Critical Reviews in Toxicology, 2005, 35, 771-781.	3.9	88

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19	A new approach to synergize academic and guideline-compliant research: The CLARITY-BPA research program. Reproductive Toxicology, 2013, 40, 35-40.	2.9	84
20	NIEHS/FDA CLARITY-BPA research program update. Reproductive Toxicology, 2015, 58, 33-44.	2.9	84
21	The Balance between Oligodendrocyte and Astrocyte Production in Major White Matter Tracts Is Linearly Related to Serum Total Thyroxine. Endocrinology, 2008, 149, 2527-2536.	2.8	83
22	Endocrine-Disrupting Activity of Hydraulic Fracturing Chemicals and Adverse Health Outcomes After Prenatal Exposure in Male Mice. Endocrinology, 2015, 156, 4458-4473.	2.8	82
23	Individual Polychlorinated Biphenyl (PCB) Congeners Produce Tissue- and Gene-Specific Effects on Thyroid Hormone Signaling during Development. Endocrinology, 2011, 152, 2909-2919.	2.8	79
24	Assessing doseâ€"response relationships for endocrine disrupting chemicals (EDCs): a focus on non-monotonicity. Environmental Health, 2015, 14, 42.	4.0	74
25	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.	4.3	74
26	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.	1.7	70
27	Transplacental thyroxine and fetal brain development. Journal of Clinical Investigation, 2003, 111, 954-957.	8.2	67
28	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.	10.0	66
29	Endocrine Disruption for Endocrinologists (and Others). Endocrinology, 2006, 147, s1-s3.	2.8	65
30	Science and policy on endocrine disrupters must not be mixed: a reply to a â€œcommon senseâ€• intervention by toxicology journal editors. Environmental Health, 2013, 12, 69.	4.0	64
31	Thyroid hormone of maternal origin regulates the expression of RC3/neurogranin mRNA in the fetal rat brain. Molecular Brain Research, 2000, 82, 126-132.	2.3	62
32	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.	10.0	60
33	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.	2.4	55
34	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.).. Endocrinology, 2001, 142, 390-399.	2.8	50
35	4-Hydroxy-PCB106 acts as a direct thyroid hormone receptor agonist in rat GH3 cells. Molecular and Cellular Endocrinology, 2006, 257-258, 26-34.	3.2	50
36	Polybrominated diphenyl ether (PBDE) exposures and thyroid hormones in children at age 3â€¯years. Environment International, 2018, 117, 339-347.	10.0	48

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37	Maternal Thyroid Function During Pregnancy or Neonatal Thyroid Function and Attention Deficit Hyperactivity Disorder. Epidemiology, 2019, 30, 130-144.	2.7	46
38	Maternal serum perfluoroalkyl substance mixtures and thyroid hormone concentrations in maternal and cord sera: The HOME Study. Environmental Research, 2020, 185, 109395.	7.5	46
39	Polychlorinated Biphenyls (Aroclor 1254) Do Not Uniformly Produce Agonist Actions on Thyroid Hormone Responses in the Developing Rat Brain. Endocrinology, 2008, 149, 4001-4008.	2.8	44
40	Data integration, analysis, and interpretation of eight academic CLARITY-BPA studies. Reproductive Toxicology, 2020, 98, 29-60.	2.9	42
41	Current and Potential Rodent Screens and Tests for Thyroid Toxicants. Critical Reviews in Toxicology, 2007, 37, 55-95.	3.9	39
42	Challenges Confronting Risk Analysis of Potential Thyroid Toxicants. Risk Analysis, 2003, 23, 143-162.	2.7	38
43	Associations of early life urinary triclosan concentrations with maternal, neonatal, and child thyroid hormone levels. Hormones and Behavior, 2018, 101, 77-84.	2.1	36
44	Removing Critical Gaps in Chemical Test Methods by Developing New Assays for the Identification of Thyroid Hormone System-Disrupting Chemicalsâ€"The ATHENA Project. International Journal of Molecular Sciences, 2020, 21, 3123.	4.1	34
45	Implications of Research on Assays to Characterize Thyroid Toxicants. Critical Reviews in Toxicology, 2007, 37, 195-210.	3.9	33
46	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, 4104-4112.	2.8	33
47	Urinary concentrations of phthalate biomarkers and weight change among postmenopausal women: a prospective cohort study. Environmental Health, 2019, 18, 20.	4.0	27
48	New Insights into Thyroid Hormone Action in the Developing Brain: The Importance of T3 Degradation. Endocrinology, 2010, 151, 5089-5091.	2.8	24
49	Alteration of Rat Fetal Cerebral Cortex Development after Prenatal Exposure to Polychlorinated Biphenyls. PLoS ONE, 2014, 9, e91903.	2.5	24
50	The Use and Misuse of Historical Controls in Regulatory Toxicology: Lessons from the CLARITY-BPA Study. Endocrinology, 2020, 161, .	2.8	22
51	Predictors of urinary phthalate biomarker concentrations in postmenopausal women. Environmental Research, 2019, 169, 122-130.	7.5	21
52	Thresholds and Endocrine Disruptors: An Endocrine Society Policy Perspective. Journal of the Endocrine Society, 2020, 4, bvaa085.	0.2	21
53	Prenatal Ethanol Exposure Selectively Reduces the mRNA Encoding Î±-1 Thyroid Hormone Receptor in Fetal Rat Brain. Alcoholism: Clinical and Experimental Research, 1998, 22, 2111-2117.	2.4	20
54	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, 1735-1745.	2.9	20

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55	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, 390-399.	2.8	20
56	CLARITY-BPA: Bisphenol A or Propylthiouracil on Thyroid Function and Effects in the Developing Male and Female Rat Brain. Endocrinology, 2019, 160, 1771-1785.	2.8	19
57	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, 1035-1041.	2.5	16
58	Exposure to Thyroid-Disrupting Chemicals: A Transatlantic Call for Action. Thyroid, 2016, 26, 479-480.	4.5	16
59	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.	8.0	15
60	Science-based regulation of endocrine disrupting chemicals in Europe: which approach?. Lancet Diabetes and Endocrinology,the, 2016, 4, 643-646.	11.4	13
61	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.	3.6	12
62	Endocrine Disruptors: Do Family Lines Carry an Epigenetic Record of Previous Generationsâ€™ Exposures?. Endocrinology, 2006, 147, 5513-5514.	2.8	12
63	Urinary Phthalate Biomarkers and Bone Mineral Density in Postmenopausal Women. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e2567-e2579.	3.6	12
64	Environmental neuroendocrine and thyroid disruption: relevance for reproductive medicine?. Fertility and Sterility, 2008, 89, e99-e100.	1.0	11
65	Endocrine disrupting chemicals and thyroid hormone action. Advances in Pharmacology, 2021, 92, 401-417.	2.0	11
66	Collision of Basic and Applied Approaches to Risk Assessment of Thyroid Toxicants. Annals of the New York Academy of Sciences, 2006, 1076, 168-190.	3.8	9
67	Update on Activities in Endocrine Disruptor Research and Policy. Endocrinology, 2019, 160, 1681-1683.	2.8	8
68	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, 117-133.	1.7	6
69	Regulation of Endocrine-Disrupting Chemicals Insufficient to Safeguard Public Health. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1993-1994.	3.6	5
70	EU regulation of endocrine disruptors: a missed opportunity. Lancet Diabetes and Endocrinology,the, 2016, 4, 649-650.	11.4	4
71	Endocrine-Disrupting Chemicals and Human Diseaseâˆ—. , 2016, , 2640-2652.e3.		3
72	Do Environmental Chemicals Make Us Fat?. Endocrinology, 2017, 158, 3086-3087.	2.8	0

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73	Maternal, cord, and threeâ€yearâ€old child serum thyroid hormone concentrations in the Health Outcomes and Measures of the Environment study. Clinical Endocrinology, 2020, 92, 366-372.	2.4	0