

# Helen HÅ¥kansson

## List of Publications by Year in descending order

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63  
papers

5,477  
citations

201674

27  
h-index

118850

62  
g-index

75  
all docs

75  
docs citations

75  
times ranked

5185  
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds. <i>Toxicological Sciences</i> , 2006, 93, 223-241.	3.1	3,071
2	Effects of polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) on thyroid hormone and vitamin A levels in rats and mice. <i>Archives of Toxicology</i> , 2001, 75, 200-208.	4.2	367
3	A 28-Day Oral Dose Toxicity Study Enhanced to Detect Endocrine Effects of Hexabromocyclododecane in Wistar Rats. <i>Toxicological Sciences</i> , 2006, 94, 281-292.	3.1	178
4	Endocrine effects of tetrabromobisphenol-A (TBBPA) in Wistar rats as tested in a one-generation reproduction study and a subacute toxicity study. <i>Toxicology</i> , 2008, 245, 76-89.	4.2	150
5	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) alters the mRNA expression of critical genes associated with cholesterol metabolism, bile acid biosynthesis, and bile transport in rat liver: A microarray study. <i>Toxicology and Applied Pharmacology</i> , 2005, 207, 1-24.	2.8	149
6	Endocrine effects of hexabromocyclododecane (HBCD) in a one-generation reproduction study in Wistar rats. <i>Toxicology Letters</i> , 2009, 185, 51-62.	0.8	119
7	Scientific principles for the identification of endocrine-disrupting chemicals: a consensus statement. <i>Archives of Toxicology</i> , 2017, 91, 1001-1006.	4.2	118
8	A 28-day oral dose toxicity study enhanced to detect endocrine effects of a purified technical pentabromodiphenyl ether (pentaBDE) mixture in Wistar rats. <i>Toxicology</i> , 2008, 245, 109-122.	4.2	86
9	The Effect of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) on the Uptake, Distribution and Excretion of a Single Oral Dose of [11,12-3H]Retinyl Acetate and on the Vitamin A Status in the Rat. <i>Journal of Nutrition</i> , 1985, 115, 759-771.	2.9	75
10	Bone Mineral Density Changes in Relation to Environmental PCB Exposure. <i>Environmental Health Perspectives</i> , 2008, 116, 1162-1166.	6.0	62
11	Effects of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) in the Lactating Rat on Maternal and Neonatal Vitamin A Status. <i>Journal of Nutrition</i> , 1987, 117, 580-586.	2.9	61
12	The Retinoid Signaling System – A Target in Dioxin Toxicity. <i>Critical Reviews in Toxicology</i> , 2002, 32, 211-232.	3.9	55
13	A 28-day oral dose toxicity study in Wistar rats enhanced to detect endocrine effects of decabromodiphenyl ether (decaBDE). <i>Toxicology Letters</i> , 2008, 179, 6-14.	0.8	54
14	Marked alterations in retinoid homeostasis of Sprague-Dawley rats induced by a single i.p. dose of 10 µg/kg of 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Toxicology</i> , 1989, 58, 267-283.	4.2	50
15	Tissue Distribution and Half-Lives of Individual Polychlorinated Biphenyls and Serum Levels of 4-Hydroxy-2,3,3',4',5-pentachlorobiphenyl in the Rat. <i>Toxicological Sciences</i> , 2002, 70, 171-182.	3.1	49
16	2,3,7,8-Tetrachlorodibenzo- p -dioxin (TCDD) alters the endogenous metabolism of all- trans -retinoic acid in the rat. <i>Archives of Toxicology</i> , 2003, 77, 371-383.	4.2	49
17	Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on bone material properties. <i>Journal of Biomechanics</i> , 2010, 43, 1097-1103.	2.1	47
18	2,3,7,8-Tetrachlorodibenzo-p-dioxin affects retinol esterification in rat hepatic stellate cells and kidney. <i>Environmental Toxicology and Pharmacology</i> , 1996, 2, 17-23.	4.0	38

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19	Dioxin-Sensitive Proteins in Differentiating Osteoblasts: Effects on Bone Formation In Vitro. <i>Toxicological Sciences</i> , 2009, 108, 330-343.	3.1	36
20	New insights to the role of aryl hydrocarbon receptor in bone phenotype and in dioxin-induced modulation of bone microarchitecture and material properties. <i>Toxicology and Applied Pharmacology</i> , 2013, 273, 219-226.	2.8	36
21	Hepatic effects of a highly purified 2,2,3,4,4,5,5-heptachlorobiphenyl (PCB 180) in male and female rats. <i>Toxicology</i> , 2011, 284, 42-53.	4.2	34
22	Chronic and reproductive toxicity of a mixture of 15 methylsulfonyl polychlorinated biphenyls and 3-methylsulfonyl-bis(4-chlorophenyl)-1,1-dichloroethene in mink ( <i>Mustela vison</i> ). <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 292-298.	4.3	33
23	Retinoic Acid Drives Aryl Hydrocarbon Receptor Expression and Is Instrumental to Dioxin-Induced Toxicity during Palate Development. <i>Environmental Health Perspectives</i> , 2011, 119, 1590-1595.	6.0	33
24	Quantitative characterization of changes in bone geometry, mineral density and biomechanical properties in two rat strains with different Ah-receptor structures after long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Toxicology</i> , 2010, 273, 1-11.	4.2	30
25	The Distribution of [14C]-2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and its Effect on the Vitamin A Content in Parenchymal and Stellate Cells of Rat Liver. <i>Journal of Nutrition</i> , 1989, 119, 573-580.	2.9	29
26	Effects of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin(TCDD) on the Vitamin A Status of Hartley Guinea Pigs, Sprague-Dawley Rats, C57B1/6 Mice, DBA/2 Mice, and Golden Syrian Hamsters.. <i>Journal of Nutritional Science and Vitaminology</i> , 1991, 37, 117-138.	0.6	29
27	Regulatory needs and activities to address the retinoid system in the context of endocrine disruption: The European viewpoint. <i>Reproductive Toxicology</i> , 2020, 93, 250-258.	2.9	29
28	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.	2.3	28
29	Altered Retinoid Metabolism in Female Long-Evans and Han/Wistar Rats following Long-Term 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD)-Treatment. <i>Toxicological Sciences</i> , 2005, 86, 264-272.	3.1	27
30	The endogenous retinoid metabolite 4-oxo-9-cis-13,14-dihydroretinoic acid activates retinoic acid receptor signalling both <i>in vitro</i> and <i>in vivo</i> . <i>FEBS Journal</i> , 2009, 276, 3043-3059.	4.7	26
31	Toxicological Profile of Ultrapure 2,2,3,4,4,5,5-Heptachlorobiphenyl (PCB 180) in Adult Rats. <i>PLoS ONE</i> , 2014, 9, e104639.	2.5	25
32	Retinoid status and responsiveness to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice lacking retinoid binding protein or retinoid receptor forms. <i>Chemico-Biological Interactions</i> , 2005, 156, 25-39.	4.0	24
33	Toxicological characterisation of two novel selective aryl hydrocarbon receptor modulators in Sprague-Dawley rats. <i>Toxicology and Applied Pharmacology</i> , 2017, 326, 54-65.	2.8	23
34	Literature review on in vitro and alternative Developmental Neurotoxicity (DNT) testing methods. <i>EFSA Supporting Publications</i> , 2015, 12, 778E.	0.7	18
35	Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on tissue levels of vitamin A and on the distribution and excretion of the endogenous pool of vitamin A in the marginally vitamin A sufficient rat. <i>Chemosphere</i> , 1988, 17, 1781-1793.	8.2	17
36	Interaction between Dietary Vitamin A and Single Oral Doses of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin(TCDD) on the TCDD-Induced Toxicity and on the Vitamin A Status in the Rat.. <i>Journal of Nutritional Science and Vitaminology</i> , 1991, 37, 239-255.	0.6	17

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37	In utero and lactational exposure to Aroclor 1254 affects bone geometry, mineral density and biomechanical properties of rat offspring. <i>Toxicology Letters</i> , 2011, 207, 82-88.	0.8	17
38	In Utero and Lactational Exposure to a Mixture of Environmental Contaminants Detected in Canadian Arctic Human Populations Alters Retinoid Levels in Rat Offspring with Low Margins of Exposure. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 223-245.	2.3	14
39	Role of aryl hydrocarbon receptor (AHR) in overall retinoid metabolism: Response comparisons to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure between wild-type and AHR knockout mice. <i>Reproductive Toxicology</i> , 2021, 101, 33-49.	2.9	14
40	Gestational and lactational exposure to the polychlorinated biphenyl mixture Aroclor 1254 modulates retinoid homeostasis in rat offspring. <i>Toxicology Letters</i> , 2014, 229, 41-51.	0.8	13
41	Inhibitory effects on osteoblast differentiation in vitro by the polychlorinated biphenyl mixture Aroclor 1254 are mainly associated with the dioxin-like constituents. <i>Toxicology in Vitro</i> , 2015, 29, 876-883.	2.4	13
42	In utero/lactational and adult exposures to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) show differential effects on craniofacial development and growth in rats. <i>Toxicology</i> , 2015, 337, 30-38.	4.2	13
43	Skeletal and dental effects on rats following in utero/lactational exposure to the non-dioxin-like polychlorinated biphenyl PCB 180. <i>PLoS ONE</i> , 2017, 12, e0185241.	2.5	13
44	Bone toxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and the retinoid system: A causality analysis anchored in osteoblast gene expression and mouse data. <i>Reproductive Toxicology</i> , 2021, 105, 25-43.	2.9	12
45	Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the hepatic stellate cell population in the rat. <i>Chemosphere</i> , 1996, 32, 1225-1233.	8.2	11
46	Perinatal Exposure to Environmental Contaminants Detected in Canadian Arctic Human Populations Changes Bone Geometry and Biomechanical Properties in Rat Offspring. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011, 74, 1304-1318.	2.3	11
47	Gender- and dose-related metabolome alterations in rat offspring after in utero and lactational exposure to PCB 180. <i>Toxicology and Applied Pharmacology</i> , 2019, 370, 56-64.	2.8	11
48	The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the distribution and excretion of the endogenous pool of vitamin A in rats with low liver vitamin A stores. <i>Chemosphere</i> , 1986, 15, 1715-1723.	8.2	9
49	Quantitative and statistical analysis of differences in sensitivity between Long Evans and Han/Wistar rats following long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Regulatory Toxicology and Pharmacology</i> , 2010, 57, 136-145.	2.7	9
50	Dose-dependent toxicological effects in rats following a 90-day dietary exposure to PCB-156 include retinoid disruption. <i>Reproductive Toxicology</i> , 2022, 107, 123-139.	2.9	9
51	Subchronic Toxicity of Baltic Herring Oil and its Fractions in the Rat (III) Bone Tissue Composition and Dimension, and Ratio of n-6/n-3 Fatty Acids in Serum Phospholipids. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005, 96, 453-464.	2.5	8
52	Endocrine, metabolic and apical effects of in utero and lactational exposure to non-dioxin-like 2,2,3,4,4,5,5-heptachlorobiphenyl (PCB 180): A postnatal follow-up study in rats. <i>Reproductive Toxicology</i> , 2021, 102, 109-127.	2.9	8
53	The European Registered Toxicologist (ERT): Current status and prospects for advancement. <i>Toxicology Letters</i> , 2016, 259, 151-155.	0.8	4
54	Multivariate Modelling of Polychlorinated Biphenyl-induced CYP1A Activity in the MH1C1 Rat Hepatoma Cell Line. <i>ATLA Alternatives To Laboratory Animals</i> , 2001, 29, 291-295.	1.0	3

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55	Craniofacial form is altered by chronic adult exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in Han/Wistar and Long-Evans rats with different aryl hydrocarbon receptor (AhR) structures. <i>Toxicology Reports</i> , 2015, 2, 472-481.	3.3	2
56	The distribution of 14C-2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) between parenchymal and non-parenchymal rat hepatic cells and its effect on the vitamin A content of these cells. <i>Chemosphere</i> , 1989, 18, 307-312.	8.2	1
57	The role of AhR in doxin-induced modulation of bone microarchitecture and mechanical strength. <i>Toxicology Letters</i> , 2009, 189, S197-S198.	0.8	1
58	Effects of a high-fat diet and global aryl hydrocarbon receptor deficiency on energy balance and liver retinoid status in male Sprague-Dawley rats. <i>Journal of Nutritional Biochemistry</i> , 2021, 95, 108762.	4.2	1
59	Quantitative and statistical analysis of differences in sensitivity between Long-Evans and Han/Wistar rats following long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Toxicology Letters</i> , 2006, 164, S74.	0.8	0
60	Trisk: European advanced risk assessors accredited training programme for highly qualified toxicology experts. <i>Toxicology Letters</i> , 2009, 189, S15.	0.8	0
61	Advanced international training courses in health risk assessment. <i>Toxicology Letters</i> , 2009, 189, S240.	0.8	0
62	Quantitative characterization of changes in bone geometry, density and biomechanical properties in two rat strains with different Ah-receptor structure following long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Toxicology Letters</i> , 2009, 189, S199.	0.8	0
63	Role of retinoids in biology and toxicology. <i>Reproductive Toxicology</i> , 2022, 107, 40-42.	2.9	0