Helen HÃ¥kansson

List of Publications by Year
in descending order

63 papers	5,477 citations	201575 27 h-index	118793 62 g-index
75 all docs	75 docs citations	75 times ranked	5185 citing authors

#	Article	IF	Citations
1	Dose-dependent toxicological effects in rats following a 90-day dietary exposure to PCB-156 include retinoid disruption. Reproductive Toxicology, 2022, 107, 123-139.	1.3	9
2	Role of retinoids in biology and toxicology. Reproductive Toxicology, 2022, 107, 40-42.	1.3	0
3	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. Reproductive Toxicology, 2021, 101, 33-49.	1.3	14
4	Endocrine, metabolic and apical effects of in utero and lactational exposure to non-dioxin-like 2,2â€²,3,4,4â€²,5,5â€²-heptachlorobiphenyl (PCB 180): A postnatal follow-up study in rats. Reproductive Toxicology, 2021, 102, 109-127.	1.3	8
5	Effects of a high-fat diet and global aryl hydrocarbon receptor deficiency on energy balance and liver retinoid status in male Sprague-Dawley rats. Journal of Nutritional Biochemistry, 2021, 95, 108762.	1.9	1
6	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. Reproductive Toxicology, 2021, 105, 25-43.	1.3	12
7	Regulatory needs and activities to address the retinoid system in the context of endocrine disruption: The European viewpoint. Reproductive Toxicology, 2020, 93, 250-258.	1.3	29
8	Gender- and dose-related metabolome alterations in rat offspring after in utero and lactational exposure to PCB 180. Toxicology and Applied Pharmacology, 2019, 370, 56-64.	1.3	11
9	Toxicological characterisation of two novel selective aryl hydrocarbon receptor modulators in Sprague-Dawley rats. Toxicology and Applied Pharmacology, 2017, 326, 54-65.	1.3	23
10	Scientific principles for the identification of endocrine-disrupting chemicals: a consensus statement. Archives of Toxicology, 2017, 91, 1001-1006.	1.9	118
11	Skeletal and dental effects on rats following in utero/lactational exposure to the non-dioxin-like polychlorinated biphenyl PCB 180. PLoS ONE, 2017, 12, e0185241.	1.1	13
12	The European Registered Toxicologist (ERT): Current status and prospects for advancement. Toxicology Letters, 2016, 259, 151-155.	0.4	4
13	Literature review on in vitro and alternative Developmental Neurotoxicity (DNT) testing methods. EFSA Supporting Publications, 2015, 12, 778E.	0.3	18
14	Craniofacial form is altered by chronic adult exposure to 2,3,7,8-tetrachlorodibenzo- p -dioxin (TCDD) in Han/Wistar and Longâ€“Evans rats with different aryl hydrocarbon receptor (AhR) structures. Toxicology Reports, 2015, 2, 472-481.	1.6	2
15	Inhibitory effects on osteoblast differentiation in vitro by the polychlorinated biphenyl mixture Aroclor 1254 are mainly associated with the dioxin-like constituents. Toxicology in Vitro, 2015, 29, 876-883.	1.1	13
16	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. Toxicology, 2015, 337, 30-38.	2.0	13
17	Toxicological Profile of Ultrapure 2,2â€²,3,4,4â€²,5,5â€²-Heptachlorbiphenyl (PCB 180) in Adult Rats. PLoS ONE, 2014, 9, e104639.	1.1	25
18	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. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 223-245.	1.1	14

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19	Gestational and lactational exposure to the polychlorinated biphenyl mixture Aroclor 1254 modulates retinoid homeostasis in rat offspring. Toxicology Letters, 2014, 229, 41-51.	0.4	13
20	New insights to the role of aryl hydrocarbon receptor in bone phenotype and in dioxin-induced modulation of bone microarchitecture and material properties. Toxicology and Applied Pharmacology, 2013, 273, 219-226.	1.3	36
21	In utero and lactational exposure to Aroclor 1254 affects bone geometry, mineral density and biomechanical properties of rat offspring. Toxicology Letters, 2011, 207, 82-88.	0.4	17
22	Retinoic Acid Drives Aryl Hydrocarbon Receptor Expression and Is Instrumental to Dioxin-Induced Toxicity during Palate Development. Environmental Health Perspectives, 2011, 119, 1590-1595.	2.8	33
23	Hepatic effects of a highly purified 2,2â€²,3,4,4â€²,5,5â€²-heptachlorbiphenyl (PCB 180) in male and female rats. Toxicology, 2011, 284, 42-53.	2.0	34
24	Perinatal Exposure to Environmental Contaminants Detected in Canadian Arctic Human Populations Changes Bone Geometry and Biomechanical Properties in Rat Offspring. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2011, 74, 1304-1318.	1.1	11
25	Quantitative and statistical analysis of differences in sensitivity between Longâ€“Evans and Han/Wistar rats following long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin. Regulatory Toxicology and Pharmacology, 2010, 57, 136-145.	1.3	9
26	Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on bone material properties. Journal of Biomechanics, 2010, 43, 1097-1103.	0.9	47
27	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. Toxicology, 2010, 273, 1-11.	2.0	30
28	Dioxin-Sensitive Proteins in Differentiating Osteoblasts: Effects on Bone Formation In Vitro. Toxicological Sciences, 2009, 108, 330-343.	1.4	36
29	The endogenous retinoid metabolite Sâ€4â€oxoâ€9â€cisâ€13,14â€dihydroâ€retinoic acid activates retinoic acid receptor signalling both inâ€ƒvitro and inâ€ƒvivo. FEBS Journal, 2009, 276, 3043-3059.	2.2	26
30	Endocrine effects of hexabromocyclododecane (HBCD) in a one-generation reproduction study in Wistar rats. Toxicology Letters, 2009, 185, 51-62.	0.4	119
31	Trisk: European advanced risk assessors accredited training programme for highly qualified toxicology experts. Toxicology Letters, 2009, 189, S15.	0.4	0
32	Advanced international training courses in health risk assessment. Toxicology Letters, 2009, 189, S240.	0.4	0
33	The role of AhR in doxin-induced modulation of bone microarchitecture and mechanical strength. Toxicology Letters, 2009, 189, S197-S198.	0.4	1
34	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. Toxicology Letters, 2009, 189, S199.	0.4	0
35	A 28-day oral dose toxicity study enhanced to detect endocrine effects of a purified technical pentabromodiphenyl ether (pentaBDE) mixture in Wistar rats. Toxicology, 2008, 245, 109-122.	2.0	86
36	Endocrine effects of tetrabromobisphenol-A (TBBPA) in Wistar rats as tested in a one-generation reproduction study and a subacute toxicity study. Toxicology, 2008, 245, 76-89.	2.0	150

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37	A 28-day oral dose toxicity study in Wistar rats enhanced to detect endocrine effects of decabromodiphenyl ether (decaBDE). Toxicology Letters, 2008, 179, 6-14.	0.4	54
38	Toxicological Effects of In Utero and Lactational Exposure of Rats to a Mixture of Environmental Contaminants Detected in Canadian Arctic Human Populations. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 93-108.	1.1	28
39	Bone Mineral Density Changes in Relation to Environmental PCB Exposure. Environmental Health Perspectives, 2008, 116, 1162-1166.	2.8	62
40	The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds. Toxicological Sciences, 2006, 93, 223-241.	1.4	3,071
41	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. Toxicology Letters, 2006, 164, S74.	0.4	0
42	A 28-Day Oral Dose Toxicity Study Enhanced to Detect Endocrine Effects of Hexabromocyclododecane in Wistar Rats. Toxicological Sciences, 2006, 94, 281-292.	1.4	178
43	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. Basic and Clinical Pharmacology and Toxicology, 2005, 96, 453-464.	1.2	8
44	Retinoid status and responsiveness to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice lacking retinoid binding protein or retinoid receptor forms. Chemico-Biological Interactions, 2005, 156, 25-39.	1.7	24
45	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. Toxicology and Applied Pharmacology, 2005, 207, 1-24.	1.3	149
46	Altered Retinoid Metabolism in Female Long-Evans and Han/Wistar Rats following Long-Term 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD)-Treatment. Toxicological Sciences, 2005, 86, 264-272.	1.4	27
47	2,3,7,8-Tetrachlorodibenzo- p -dioxin (TCDD) alters the endogenous metabolism of all- trans -retinoic acid in the rat. Archives of Toxicology, 2003, 77, 371-383.	1.9	49
48	The Retinoid Signaling System â€" A Target in Dioxin Toxicity. Critical Reviews in Toxicology, 2002, 32, 211-232.	1.9	55
49	Tissue Distribution and Half-Lives of Individual Polychlorinated Biphenyls and Serum Levels of 4-Hydroxy-2,3,3`,4`,5-pentachlorobiphenyl in the Rat. Toxicological Sciences, 2002, 70, 171-182.	1.4	49
50	Multivariate Modelling of Polychlorinated Biphenyl-induced CYP1A Activity in the MH1C1 Rat Hepatoma Cell Line. ATLA Alternatives To Laboratory Animals, 2001, 29, 291-295.	0.7	3
51	Effects of polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) on thyroid hormone and vitamin A levels in rats and mice. Archives of Toxicology, 2001, 75, 200-208.	1.9	367
52	Chronic and reproductive toxicity of a mixture of 15 methylsulfonylâ€polychlorinated biphenyls and 3â€methylsulfonylâ€2,2â€bisâ€(4â€chlorophenyl)â€1,1â€dichloroethene in mink (Mustela vison). Environmental Toxicology and Chemistry, 1999, 18, 292-298.	2.2	33
53	Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the hepatic stellate cell population in the rat. Chemosphere, 1996, 32, 1225-1233.	4.2	11
54	2,3,7,8-Tetrachlorodibenzo-p-dioxin affects retinol esterification in rat hepatic stellate cells and kidney. Environmental Toxicology and Pharmacology, 1996, 2, 17-23.	2.0	38

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55	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.. Journal of Nutritional Science and Vitaminology, 1991, 37, 117-138.	0.2	29
56	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.. Journal of Nutritional Science and Vitaminology, 1991, 37, 239-255.	0.2	17
57	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. Journal of Nutrition, 1989, 119, 573-580.	1.3	29
58	Marked alterations in retinoid homeostasis of Sprague–Dawley rats induced by a single i.p. dose of 10 Î¼g/kg of 2,3,7,8-tetrachlorodibenzo-p-dioxin. Toxicology, 1989, 58, 267-283.	2.0	50
59	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. Chemosphere, 1989, 18, 307-312.	4.2	1
60	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. Chemosphere, 1988, 17, 1781-1793.	4.2	17
61	Effects of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) in the Lactating Rat on Maternal and Neonatal Vitamin A Status. Journal of Nutrition, 1987, 117, 580-586.	1.3	61
62	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. Chemosphere, 1986, 15, 1715-1723.	4.2	9
63	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. Journal of Nutrition, 1985, 115, 759-771.	1.3	75