

Matti Viluksela

List of Publications by Year in descending order

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36
papers

1,011
citations

430874

18
h-index

434195

31
g-index

36
all docs

36
docs citations

36
times ranked

1105
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin on Bone in Two Rat Strains with Different Aryl Hydrocarbon Receptor Structures. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 1812-1820.	2.8	107
2	Dioxins interfere with differentiation of osteoblasts and osteoclasts. <i>Bone</i> , 2009, 44, 1134-1142.	2.9	91
3	Effects of In Utero and Lactational TCDD Exposure on Bone Development in Differentially Sensitive Rat Lines. <i>Toxicological Sciences</i> , 2005, 85, 1003-1012.	3.1	82
4	TCDD activates Mdm2 and attenuates the p53 response to DNA damaging agents. <i>Carcinogenesis</i> , 2005, 26, 201-208.	2.8	66
5	Pattern of Male Reproductive System Effects After in Utero and Lactational 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Exposure in Three Differentially TCDD-Sensitive Rat Lines. <i>Toxicological Sciences</i> , 2004, 80, 101-108.	3.1	56
6	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
7	Structure-Activity Relationships and Dose Responses of Polychlorinated Dibenzop-dioxins for Short-Term Effects in 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Resistant and -Sensitive Rat Strains. <i>Toxicology and Applied Pharmacology</i> , 2002, 181, 38-47.	2.8	39
8	Multigenerational and Transgenerational Effects of Dioxins. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2947.	4.1	39
9	Dioxin-Sensitive Proteins in Differentiating Osteoblasts: Effects on Bone Formation In Vitro. <i>Toxicological Sciences</i> , 2009, 108, 330-343.	3.1	36
10	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
11	Hepatic effects of a highly purified 2,2,3,4,4,5,5-heptachlorbiphenyl (PCB 180) in male and female rats. <i>Toxicology</i> , 2011, 284, 42-53.	4.2	34
12	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
13	Effect of in Utero and Lactational 2,3,7,8-Tetrachlorodibenzo-p-dioxin Exposure on Rat Molar Development: The Role of Exposure Time. <i>Toxicology and Applied Pharmacology</i> , 2002, 184, 57-66.	2.8	32
14	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
15	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
16	Toxicological Profile of Ultrapure 2,2,3,4,4,5,5-Heptachlorbiphenyl (PCB 180) in Adult Rats. <i>PLoS ONE</i> , 2014, 9, e104639.	2.5	25
17	Simultaneous exposure of rats to dioxin and carbon monoxide reduces the xenobiotic but not the hypoxic response. <i>Biological Chemistry</i> , 2004, 385, 291-294.	2.5	21
18	Auditory Effects of Developmental Exposure to Purity-Controlled Polychlorinated Biphenyls (PCB52) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.1	20

#	ARTICLE	IF	CITATIONS
19	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
20	Sexually dimorphic behavior after developmental exposure to characterize endocrine-mediated effects of different non-dioxin-like PCBs in rats. <i>Toxicology</i> , 2013, 311, 52-60.	4.2	14
21	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
22	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
23	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
24	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
25	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
26	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
27	Dopamine-dependent behavior in adult rats after perinatal exposure to purity-controlled polychlorinated biphenyl congeners (PCB52 and PCB180). <i>Toxicology Letters</i> , 2014, 224, 32-39.	0.8	12
28	Toxicity of colloidal silver products and their marketing claims in Finland. <i>Toxicology Reports</i> , 2021, 8, 106-113.	3.3	12
29	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
30	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
31	Transgenerational epigenetic and transcriptomic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in rat. <i>Archives of Toxicology</i> , 2020, 94, 1613-1624.	4.2	8
32	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
33	Chained Risk Assessment for Life-Long Disease Burden of Early Exposures – Demonstration of Concept Using Prenatal Maternal Smoking. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1472.	2.6	6
34	Estimated PCDD/F TEQ and total TEQ concentrations in the serum of 7-10 year old Finnish children. <i>Chemosphere</i> , 2020, 257, 127137.	8.2	4
35	Novel Aspects of Toxicity Mechanisms of Dioxins and Related Compounds. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2342.	4.1	4
36	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