

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
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36
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docs citations

36
times ranked

1105
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Toxicity of colloidal silver products and their marketing claims in Finland. <i>Toxicology Reports</i> , 2021, 8, 106-113. | 3.3 | 12 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Novel Aspects of Toxicity Mechanisms of Dioxins and Related Compounds. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2342. | 4.1 | 4 |
| 8 | 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 |
| 9 | Multigenerational and Transgenerational Effects of Dioxins. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2947. | 4.1 | 39 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | 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 |
| 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 | 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 |
| 22 | 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 |
| 23 | Hepatic effects of a highly purified 2,2,3,4,4,5,5-hexachlorobiphenyl (PCB 180) in male and female rats. <i>Toxicology</i> , 2011, 284, 42-53. | 4.2 | 34 |
| 24 | Auditory Effects of Developmental Exposure to Purity-Controlled Polychlorinated Biphenyls (PCB52) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 8.1 | 20 |
| 25 | 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 |
| 26 | 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 |
| 27 | Dioxin-Sensitive Proteins in Differentiating Osteoblasts: Effects on Bone Formation In Vitro. <i>Toxicological Sciences</i> , 2009, 108, 330-343. | 3.1 | 36 |
| 28 | Dioxins interfere with differentiation of osteoblasts and osteoclasts. <i>Bone</i> , 2009, 44, 1134-1142. | 2.9 | 91 |
| 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 | TCDD activates Mdm2 and attenuates the p53 response to DNA damaging agents. <i>Carcinogenesis</i> , 2005, 26, 201-208. | 2.8 | 66 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |