

# Raimo Kalevi Pohjanvirta

## List of Publications by Citations

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163  
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53  
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3,822  
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L-index

#	Paper	IF	Citations
163	Aryl hydrocarbon receptor regulates distinct dioxin-dependent and dioxin-independent gene batteries. <i>Molecular Pharmacology</i> , <b>2006</b> , 69, 140-53	4.3	263
162	Point mutation in intron sequence causes altered carboxyl-terminal structure in the aryl hydrocarbon receptor of the most 2,3,7,8-tetrachlorodibenzo-p-dioxin-resistant rat strain. <i>Molecular Pharmacology</i> , <b>1998</b> , 54, 86-93	4.3	149
161	Toxicological implications of polymorphisms in receptors for xenobiotic chemicals: the case of the aryl hydrocarbon receptor. <i>Toxicology and Applied Pharmacology</i> , <b>2005</b> , 207, 43-51	4.6	98
160	The AH receptor and a novel gene determine acute toxic responses to TCDD: segregation of the resistant alleles to different rat lines. <i>Toxicology and Applied Pharmacology</i> , <b>1999</b> , 155, 71-81	4.6	95
159	Physicochemical differences in the AH receptors of the most TCDD-susceptible and the most TCDD-resistant rat strains. <i>Toxicology and Applied Pharmacology</i> , <b>1999</b> , 155, 82-95	4.6	88
158	Tissue distribution, metabolism, and excretion of <sup>14</sup> C-TCDD in a TCDD-susceptible and a TCDD-resistant rat strain. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1990</b> , 66, 93-100		86
157	Comparative acute lethality of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), 1,2,3,7,8-pentachlorodibenzo-p-dioxin and 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin in the most TCDD-susceptible and the most TCDD-resistant rat strain. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1993</b> , 73, 52-6		80
156	Dioxin-responsive AHRE-II gene battery: identification by phylogenetic footprinting. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 321, 707-15	3.4	78
155	Target tissue morphology and serum biochemistry following 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure in a TCDD-susceptible and a TCDD-resistant rat strain. <i>Fundamental and Applied Toxicology</i> , <b>1989</b> , 12, 698-712		77
154	Hepatic Ah-receptor levels and the effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on hepatic microsomal monooxygenase activities in a TCDD-susceptible and -resistant rat strain. <i>Toxicology and Applied Pharmacology</i> , <b>1988</b> , 92, 131-40	4.6	77
153	Dioxins, the aryl hydrocarbon receptor and the central regulation of energy balance. <i>Frontiers in Neuroendocrinology</i> , <b>2010</b> , 31, 452-78	8.9	73
152	microRNAs in adult rodent liver are refractory to dioxin treatment. <i>Toxicological Sciences</i> , <b>2007</b> , 99, 470-874	4.74	72
151	Transcriptomic responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in liver: comparison of rat and mouse. <i>BMC Genomics</i> , <b>2008</b> , 9, 419	4.5	68
150	Systematic evaluation of medium-throughput mRNA abundance platforms. <i>Rna</i> , <b>2013</b> , 19, 51-62	5.8	61
149	Han/Wistar rats are exceptionally resistant to TCDD. I. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1987</b> , 60, 145-50		60
148	TCDD activates Mdm2 and attenuates the p53 response to DNA damaging agents. <i>Carcinogenesis</i> , <b>2005</b> , 26, 201-8	4.6	59
147	Prenatal testosterone and luteinizing hormone levels in male rats exposed during pregnancy to 2,3,7,8-tetrachlorodibenzo-p-dioxin and diethylstilbestrol. <i>Molecular and Cellular Endocrinology</i> , <b>2001</b> , 178, 169-79	4.4	55

146	Risk for animal and human health related to the presence of dioxins and dioxin-like PCBs in feed and food. <i>EFSA Journal</i> , <b>2018</b> , 16, e05333	2.3	55
145	Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on liver phosphoenolpyruvate carboxykinase (PEPCK) activity, glucose homeostasis and plasma amino acid concentrations in the most TCDD-susceptible and the most TCDD-resistant rat strains. <i>Archives of Toxicology</i> , <b>1999</b> , 73, 323-36	5.8	53
144	Exposure to 2,3,7,8-tetrachlorodibenzo-para-dioxin leads to defective dentin formation and pulpal perforation in rat incisor tooth. <i>Toxicology</i> , <b>1993</b> , 81, 1-13	4.4	53
143	Evaluation of various housekeeping genes for their applicability for normalization of mRNA expression in dioxin-treated rats. <i>Chemico-Biological Interactions</i> , <b>2006</b> , 160, 134-49	5	51
142	Primary structure and inducibility by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) of aryl hydrocarbon receptor repressor in a TCDD-sensitive and a TCDD-resistant rat strain. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 315, 123-31	3.4	49
141	Differential expression profiling of the hepatic proteome in a rat model of dioxin resistance: correlation with genomic and transcriptomic analyses. <i>Molecular and Cellular Proteomics</i> , <b>2006</b> , 5, 882-94	7.6	48
140	Dioxin-dependent and dioxin-independent gene batteries: comparison of liver and kidney in AHR-null mice. <i>Toxicological Sciences</i> , <b>2009</b> , 112, 245-56	4.4	45
139	In vivo up-regulation of aryl hydrocarbon receptor expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in a dioxin-resistant rat model. <i>Biochemical Pharmacology</i> , <b>2001</b> , 62, 1565-78	6	43
138	TCDD-induced anorexia and wasting syndrome in rats: effects of diet-induced obesity and nutrition. <i>Pharmacology Biochemistry and Behavior</i> , <b>1999</b> , 62, 735-42	3.9	42
137	Aryl hydrocarbon receptor (AHR)-regulated transcriptomic changes in rats sensitive or resistant to major dioxin toxicities. <i>BMC Genomics</i> , <b>2010</b> , 11, 263	4.5	40
136	Studies on the role of lipid peroxidation in the acute toxicity of TCDD in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1990</b> , 66, 399-408		40
135	Arrest of rat molar tooth development by lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Toxicology and Applied Pharmacology</i> , <b>2001</b> , 173, 38-47	4.6	39
134	The AH receptor of the most dioxin-sensitive species, guinea pig, is highly homologous to the human AH receptor. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 285, 1121-9	3.4	39
133	Biochemical effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and related compounds on the central nervous system. <i>International Journal of Biochemistry and Cell Biology</i> , <b>1995</b> , 27, 443-55	5.6	39
132	Hepatic transcriptomic responses to TCDD in dioxin-sensitive and dioxin-resistant rats during the onset of toxicity. <i>Toxicology and Applied Pharmacology</i> , <b>2011</b> , 251, 119-29	4.6	38
131	Aryl hydrocarbon receptor-dependent induction of flavin-containing monooxygenase mRNAs in mouse liver. <i>Drug Metabolism and Disposition</i> , <b>2008</b> , 36, 2499-505	4	38
130	Unexpected gender difference in sensitivity to the acute toxicity of dioxin in mice. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 262, 167-76	4.6	36
129	Lactational exposure of Han/Wistar rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin interferes with enamel maturation and retards dentin mineralization. <i>Journal of Dental Research</i> , <b>2004</b> , 83, 139-44	8.1	35

128	Patterns of dioxin-altered mRNA expression in livers of dioxin-sensitive versus dioxin-resistant rats. <i>Archives of Toxicology</i> , <b>2008</b> , 82, 809-30	5.8	33
127	Restructured transactivation domain in hamster AH receptor. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 273, 272-81	3.4	33
126	TCDD dysregulation of 13 AHR-target genes in rat liver. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 274, 445-54	4.6	30
125	Persistent, low-dose 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure: effect on aryl hydrocarbon receptor expression in a dioxin-resistance model. <i>Toxicology and Applied Pharmacology</i> , <b>2001</b> , 175, 43-53 <sup>4.6</sup>	4.6	30
124	2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced anorexia and wasting syndrome in rats: aggravation after ventromedial hypothalamic lesion. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , <b>1995</b> , 293, 309-17		30
123	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induced ethoxyresorufin-O-deethylase (EROD) and aldehyde dehydrogenase (ALDH3) activities in the brain and liver. A comparison between the most TCDD-susceptible and the most TCDD-resistant rat strain. <i>Biochemical Pharmacology</i> , <b>1993</b> , 46, 651-9	6	29
122	2,3,7,8-Tetrachlorodibenzo-p-dioxin enhances responsiveness to post-ingestive satiety signals. <i>Toxicology</i> , <b>1990</b> , 63, 285-99	4.4	29
121	Transgenic mouse lines expressing rat AH receptor variants—a new animal model for research on AH receptor function and dioxin toxicity mechanisms. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 236, 166-82	4.6	27
120	Comparison of acute toxicities of indolo[3,2-b]carbazole (ICZ) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in TCDD-sensitive rats. <i>Food and Chemical Toxicology</i> , <b>2002</b> , 40, 1023-32	4.7	27
119	The central nervous system may be involved in TCDD toxicity. <i>Toxicology</i> , <b>1989</b> , 58, 167-74	4.4	27
118	Aryl hydrocarbon receptor splice variants in the dioxin-resistant rat: tissue expression and transactivational activity. <i>Molecular Pharmacology</i> , <b>2007</b> , 72, 956-66	4.3	26
117	Male and female mice show significant differences in hepatic transcriptomic response to 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>BMC Genomics</i> , <b>2015</b> , 16, 625	4.5	25
116	Inter-strain heterogeneity in rat hepatic transcriptomic responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 260, 135-45	4.6	25
115	Bone resorption by aryl hydrocarbon receptor-expressing osteoclasts is not disturbed by TCDD in short-term cultures. <i>Life Sciences</i> , <b>2005</b> , 77, 1351-66	6.8	25
114	Effect of TCDD on mRNA expression of genes encoding bHLH/PAS proteins in rat hypothalamus. <i>Toxicology</i> , <b>2005</b> , 208, 1-11	4.4	25
113	Mechanism of action of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). <i>Toxicology and Applied Pharmacology</i> , <b>1990</b> , 105, 508-9	4.6	25
112	Developmental toxicity of dioxin to mouse embryonic teeth in vitro: arrest of tooth morphogenesis involves stimulation of apoptotic program in the dental epithelium. <i>Toxicology and Applied Pharmacology</i> , <b>2004</b> , 194, 24-33	4.6	24
111	Toxic equivalency factors do not predict the acute toxicities of dioxins in rats. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , <b>1995</b> , 293, 341-53		24

110	Mechanism by which 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) reduces circulating melatonin levels in the rat. <i>Toxicology</i> , <b>1996</b> , 107, 85-97	4.4	24
109	Identification of novel splice variants of ARNT and ARNT2 in the rat. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 303, 1095-100	3.4	23
108	TCDD resistance is inherited as an autosomal dominant trait in the rat. <i>Toxicology Letters</i> , <b>1990</b> , 50, 49-56.	4.4	23
107	2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced accumulation of biliverdin and hepatic peliosis in rats. <i>Toxicological Sciences</i> , <b>2003</b> , 71, 112-23	4.4	22
106	Changes in rat brain monoamines, monoamine metabolites and histamine after a single administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1990</b> , 67, 260-5		21
105	Differences in acute toxicity syndromes of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin in rats. <i>Toxicology</i> , <b>2007</b> , 235, 39-51	4.4	20
104	TCDD decreases rapidly and persistently serum melatonin concentration without morphologically affecting the pineal gland in TCDD-resistant Han/Wistar rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1991</b> , 69, 427-32		20
103	TCDD reduces serum melatonin levels in Long-Evans rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1989</b> , 65, 239-40		20
102	Genome-wide effects of acute progressive feed restriction in liver and white adipose tissue. <i>Toxicology and Applied Pharmacology</i> , <b>2008</b> , 230, 41-56	4.6	19
101	TCDD-induced hypophagia is not explained by nausea. <i>Pharmacology Biochemistry and Behavior</i> , <b>1994</b> , 47, 273-82	3.9	19
100	Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on hormones of energy balance in a TCDD-sensitive and a TCDD-resistant rat strain. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 13938-66	6.3	18
99	AHR Ligands: Promiscuity in Binding and Diversity in Response <b>2011</b> , 63-79		18
98	Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on tryptophan and glucose homeostasis in the most TCDD-susceptible and the most TCDD-resistant species, guinea pigs and hamsters. <i>Archives of Toxicology</i> , <b>1995</b> , 69, 677-83	5.8	18
97	Simultaneous exposure of rats to dioxin and carbon monoxide reduces the xenobiotic but not the hypoxic response. <i>Biological Chemistry</i> , <b>2004</b> , 385, 291-4	4.5	17
96	Toxicological characterisation of two novel selective aryl hydrocarbon receptor modulators in Sprague-Dawley rats. <i>Toxicology and Applied Pharmacology</i> , <b>2017</b> , 326, 54-65	4.6	16
95	Multigenerational and Transgenerational Effects of Dioxins. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	16
94	Sex-related differences in murine hepatic transcriptional and proteomic responses to TCDD. <i>Toxicology and Applied Pharmacology</i> , <b>2015</b> , 284, 188-96	4.6	16
93	Effects of epidermal growth factor receptor deficiency and 2,3,7,8-tetrachlorodibenzo-p-dioxin on fetal development in mice. <i>Toxicology Letters</i> , <b>2004</b> , 150, 285-91	4.4	16

92	Screening of pharmacological agents given peripherally with respect to TCDD-induced wasting syndrome in Long-Evans rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1988</b> , 63, 240-7		16
91	Compendium of TCDD-mediated transcriptomic response datasets in mammalian model systems. <i>BMC Genomics</i> , <b>2017</b> , 18, 78	4.5	15
90	Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and leptin on hypothalamic mRNA expression of factors participating in food intake regulation in a TCDD-sensitive and a TCDD-resistant rat strain. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2005</b> , 19, 139-48	3.4	15
89	Changes in food intake and food selection in rats after 2,3,7, 8-tetrachlorodibenzo-p-dioxin (TCDD) exposure. <i>Pharmacology Biochemistry and Behavior</i> , <b>2000</b> , 65, 381-7	3.9	15
88	Acute neurobehavioural effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in Han/Wistar rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1992</b> , 71, 284-8		15
87	Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on heme oxygenase-1, biliverdin IXalpha reductase and delta-aminolevulinic acid synthetase 1 in rats with wild-type or variant AH receptor. <i>Toxicology</i> , <b>2008</b> , 250, 132-42	4.4	13
86	Commercial processed food may have endocrine-disrupting potential: soy-based ingredients making the difference. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2013</b> , 30, 1722-7	3.2	11
85	Body weight loss and changes in tryptophan homeostasis by chlorinated dibenzo-p-dioxin congeners in the most TCDD-susceptible and the most TCDD-resistant rat strain. <i>Archives of Toxicology</i> , <b>1998</b> , 72, 769-76	5.8	11
84	Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on plasma and tissue beta-endorphin-like immunoreactivity in the most TCDD-susceptible and the most TCDD-resistant rat strain. <i>Life Sciences</i> , <b>1993</b> , 53, 1479-87	6.8	11
83	Characterization of the enhanced responsiveness to postingestive satiety signals in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treated Han/Wistar rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1991</b> , 69, 433-41		11
82	Effect of a single lethal dose of TCDD on the levels of monoamines, their metabolites and tryptophan in discrete brain nuclei and peripheral tissues of Long-Evans rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1993</b> , 72, 279-85		11
81	Immediate and highly sensitive aversion response to a novel food item linked to AH receptor stimulation. <i>Toxicology Letters</i> , <b>2011</b> , 203, 252-7	4.4	10
80	Characterization of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced brain serotonin metabolism in the rat. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , <b>1994</b> , 270, 157-66		10
79	TCDD decreases brain inositol concentrations in the rat. <i>Toxicology Letters</i> , <b>1994</b> , 70, 363-72	4.4	10
78	Expression of the mediators of dioxin toxicity, aryl hydrocarbon receptor (AHR) and the AHR nuclear translocator (ARNT), is developmentally regulated in mouse teeth. <i>International Journal of Developmental Biology</i> , <b>2002</b> , 46, 295-300	1.9	10
77	Estrogenic activity of wastewater, bottled waters and tap water in Finland as assessed by a yeast bio-reporter assay. <i>Scandinavian Journal of Public Health</i> , <b>2015</b> , 43, 770-5	3	9
76	Transcriptional profiling of rat hypothalamus response to 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Toxicology</i> , <b>2015</b> , 328, 93-101	4.4	9
75	Dietary exposure of Nigerians to mutagens and estrogen-like chemicals. <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 8347-67	4.6	9

74	Bayesian modeling of reproducibility and robustness of RNA reverse transcription and quantitative real-time polymerase chain reaction. <i>Analytical Biochemistry</i> , <b>2012</b> , 428, 81-91	3.1	9
73	Characterization of the 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-provoked strong and rapid aversion to unfamiliar foodstuffs in rats. <i>Toxicology</i> , <b>2011</b> , 283, 140-50	4.4	9
72	Interference by 2,3,7,8-tetrachlorodibenzo-p-dioxin with cultured mouse submandibular gland branching morphogenesis involves reduced epidermal growth factor receptor signaling. <i>Toxicology and Applied Pharmacology</i> , <b>2006</b> , 212, 200-11	4.6	9
71	The loss of glucoprivic feeding is an early-stage alteration in TCDD-treated Han/Wistar rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1990</b> , 67, 441-3		9
70	Do new hypotheses on the mechanism of action of dioxins help in risk evaluation?. <i>Science of the Total Environment</i> , <b>1991</b> , 106, 21-31	10.2	9
69	Dioxin-induced perturbations in tryptophan homeostasis in laboratory animals. <i>Advances in Experimental Medicine and Biology</i> , <b>1999</b> , 467, 433-42	3.6	9
68	Transcriptional profiling of rat white adipose tissue response to 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Toxicology and Applied Pharmacology</i> , <b>2015</b> , 288, 223-31	4.6	8
67	Estrogenic Activities of Food Supplements and Beers as Assessed by a Yeast Bioreporter Assay. <i>Journal of Dietary Supplements</i> , <b>2018</b> , 15, 665-672	2.3	8
66	In vitro toxicity and in silico docking analysis of two novel selective AH-receptor modulators. <i>Toxicology in Vitro</i> , <b>2018</b> , 52, 178-188	3.6	8
65	Significant interspecies differences in induction profiles of hepatic CYP enzymes by TCDD in bank and field voles. <i>Environmental Toxicology and Chemistry</i> , <b>2012</b> , 31, 663-71	3.8	7
64	Validating reference genes within a mouse model system of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity. <i>Chemico-Biological Interactions</i> , <b>2013</b> , 205, 63-71	5	7
63	Cross-species transcriptomic analysis elucidates constitutive aryl hydrocarbon receptor activity. <i>BMC Genomics</i> , <b>2014</b> , 15, 1053	4.5	7
62	Effects of a single exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on macro- and microstructures of feeding and drinking in two differently TCDD-sensitive rat strains. <i>Pharmacology Biochemistry and Behavior</i> , <b>2011</b> , 99, 487-99	3.9	7
61	Cadmium intake of moose hunters in Finland from consumption of moose meat, liver and kidney. <i>Food Additives and Contaminants</i> , <b>2003</b> , 20, 453-63		7
60	mRNA levels in control rat liver display strain-specific, hereditary, and AHR-dependent components. <i>PLoS ONE</i> , <b>2011</b> , 6, e18337	3.7	7
59	Aryl hydrocarbon receptor agonists trigger avoidance of novel food in rats. <i>Physiology and Behavior</i> , <b>2016</b> , 167, 49-59	3.5	7
58	AHR in energy balance regulation. <i>Current Opinion in Toxicology</i> , <b>2017</b> , 2, 8-14	4.4	5
57	Genotoxicity of processed food items and ready-to-eat snacks in Finland. <i>Food Chemistry</i> , <b>2014</b> , 162, 206-14	8.5	5

56	Identification of reference proteins for Western blot analyses in mouse model systems of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity. <i>PLoS ONE</i> , <b>2014</b> , 9, e110730	3-7	5
55	Overview of AHR Functional Domains and the Classical AHR Signaling Pathway: Induction of Drug Metabolizing Enzymes <b>2011</b> , 33-45		5
54	Assessment by c-Fos immunostaining of changes in brain neural activity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and leptin in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2006</b> , 98, 363-71	3-1	5
53	Postnatal development of resistance to short-term high-dose toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in TCDD-resistant and -semiresistant rats. <i>Toxicology and Applied Pharmacology</i> , <b>2004</b> , 196, 11-9	4-6	5
52	2,3,7,8 Tetrachlorodibenzo-p-dioxin-induced RNA abundance changes identify Akr3, Col18a1, Cyb5a and Glud1 as candidate mediators of toxicity. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 325-338	5-8	4
51	2,3,7,8-Tetrachlorodibenzo-p-dioxin modifies alternative splicing in mouse liver. <i>PLoS ONE</i> , <b>2019</b> , 14, e0219747	3-7	4
50	AHR-Active Compounds in the Human Diet <b>2011</b> , 331-342		4
49	Role of the AHR and its Structure in TCDD Toxicity <b>2011</b> , 179-196		4
48	Circadian differences between two rat strains in their feeding and drinking micro- and macrostructures. <i>Biological Rhythm Research</i> , <b>2011</b> , 42, 385-405	0-8	4
47	Modulation of TCDD-induced wasting syndrome by portocaval anastomosis and vagotomy in Long-Evans and Han/Wistar rats. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , <b>1995</b> , 292, 277-85		4
46	Acute toxicity of perfluorodecanoic acid and cobalt protoporphyrin in a TCDD-sensitive and a TCDD-resistant rat strain. <i>Chemosphere</i> , <b>1992</b> , 25, 1233-1238	8-4	4
45	Transgenerational epigenetic and transcriptomic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in rat. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 1613-1624	5-8	4
44	History of Research on the AHR <b>2011</b> , 1-32		3
43	The AHR/ARNT Dimer and Transcriptional Coactivators <b>2011</b> , 93-100		3
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