Raimo Kalevi Pohjanvirta

List of Publications by Year in Descending Order

163 papers	3,613 citations	35 h-index	53 g-index
176 ext. papers	3,822 ext. citations	4.5 avg, IF	4.94 L-index

#	Paper	IF	Citations
163	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	3.4	3
162	In vitro estrogenic, cytotoxic, and genotoxic profiles of the xenoestrogens 8-prenylnaringenine, genistein and tartrazine. *Environmental Science and Pollution Research*, **2021**, 28, 27988-27997	5.1	2
161	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	6.3	1
160	Polycyclic Aromatic Hydrocarbons (PAHs) in Select Commercially Processed Meat and Fish Products in Finland and the Mutagenic Potential of These Food Items. *Polycyclic Aromatic Compounds*, **2020**, 40, 927-933	1.3	2
159	Transgenerational epigenetic and transcriptomic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in rat. *Archives of Toxicology*, **2020**, 94, 1613-1624	5.8	4
158	Comparative toxicoproteogenomics of mouse and rat liver identifies TCDD-resistance genes. *Archives of Toxicology*, **2019**, 93, 2961-2978	5.8	2
157	Multigenerational and Transgenerational Effects of Dioxins. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	16
156	Transcriptomic Impact of IMA-08401, a Novel AHR Agonist Resembling Laquinimod, on Rat Liver. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	1
155	Aryl hydrocarbon receptor is indispensable for β-naphthoflavone-induced novel food avoidance and may be involved in LiCl-triggered conditioned taste aversion in rats. *Physiology and Behavior*, **2019**, 204, 58-64	3.5	2
154	2,3,7,8-Tetrachlorodibenzo-p-dioxin modifies alternative splicing in mouse liver. *PLoS ONE*, **2019**, 14, e0219747	3.7	4
153	Estrogenic Activities of Food Supplements and Beers as Assessed by a Yeast Bioreporter Assay. *Journal of Dietary Supplements*, **2018**, 15, 665-672	2.3	8
152	In vitro toxicity and in silico docking analysis of two novel selective AH-receptor modulators. *Toxicology in Vitro*, **2018**, 52, 178-188	3.6	8
151	Risk for animal and human health related to the presence of dioxins and dioxin-like PCBs in feed and food. *EFSA Journal*, **2018**, 16, e05333	2.3	55
150	2,3,7,8 Tetrachlorodibenzo-p-dioxin-induced RNA abundance changes identify Ackr3, Col18a1, Cyb5a and Glud1 as candidate mediators of toxicity. *Archives of Toxicology*, **2017**, 91, 325-338	5.8	4
149	Toxicological characterisation of two novel selective aryl hydrocarbon receptor modulators in Sprague-Dawley rats. *Toxicology and Applied Pharmacology*, **2017**, 326, 54-65	4.6	16
148	AHR in energy balance regulation. *Current Opinion in Toxicology*, **2017**, 2, 8-14	4.4	5
147	Compendium of TCDD-mediated transcriptomic response datasets in mammalian model systems. *BMC Genomics*, **2017**, 18, 78	4.5	15

146	Aryl hydrocarbon receptor agonists trigger avoidance of novel food in rats. *Physiology and Behavior*, **2016**, 167, 49-59	3.5	7
145	Sex-related differences in murine hepatic transcriptional and proteomic responses to TCDD. *Toxicology and Applied Pharmacology*, **2015**, 284, 188-96	4.6	16
144	Estrogenic activity of wastewater, bottled waters and tap water in Finland as assessed by a yeast bio-reporter assay. *Scandinavian Journal of Public Health*, **2015**, 43, 770-5	3	9
143	Male and female mice show significant differences in hepatic transcriptomic response to 2,3,7,8-tetrachlorodibenzo-p-dioxin. *BMC Genomics*, **2015**, 16, 625	4.5	25
142	Transcriptional profiling of rat white adipose tissue response to 2,3,7,8-tetrachlorodibenzo-□dioxin. *Toxicology and Applied Pharmacology*, **2015**, 288, 223-31	4.6	8
141	Transcriptional profiling of rat hypothalamus response to 2,3,7,8-tetrachlorodibenzo-□dioxin. *Toxicology*, **2015**, 328, 93-101	4.4	9
140	Genotoxicity of processed food items and ready-to-eat snacks in Finland. *Food Chemistry*, **2014**, 162, 206-14	8.5	5
139	Identification of reference proteins for Western blot analyses in mouse model systems of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity. *PLoS ONE*, **2014**, 9, e110730	3.7	5
138	Dietary exposure of Nigerians to mutagens and estrogen-like chemicals. *International Journal of Environmental Research and Public Health*, **2014**, 11, 8347-67	4.6	9
137	Cross-species transcriptomic analysis elucidates constitutive aryl hydrocarbon receptor activity. *BMC Genomics*, **2014**, 15, 1053	4.5	7
136	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. *International Journal of Molecular Sciences*, **2014**, 15, 13938-66	6.3	18
135	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) increases bilirubin formation but hampers quantitative hepatic conversion of biliverdin to bilirubin in rats with wild-type AH receptor. *Basic and Clinical Pharmacology and Toxicology*, **2014**, 114, 497-509	3.1	
134	TCDD dysregulation of 13 AHR-target genes in rat liver. *Toxicology and Applied Pharmacology*, **2014**, 274, 445-54	4.6	30
133	Validating reference genes within a mouse model system of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity. *Chemico-Biological Interactions*, **2013**, 205, 63-71	5	7
132	Commercial processed food may have endocrine-disrupting potential: soy-based ingredients making the difference. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2013**, 30, 1722-7	3.2	11
131	Systematic evaluation of medium-throughput mRNA abundance platforms. *Rna*, **2013**, 19, 51-62	5.8	61
130	Inter-strain heterogeneity in rat hepatic transcriptomic responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). *Toxicology and Applied Pharmacology*, **2012**, 260, 135-45	4.6	25
129	Unexpected gender difference in sensitivity to the acute toxicity of dioxin in mice. *Toxicology and Applied Pharmacology*, **2012**, 262, 167-76	4.6	36

128	Significant interspecies differences in induction profiles of hepatic CYP enzymes by TCDD in bank and field voles. *Environmental Toxicology and Chemistry*, **2012**, 31, 663-71	3.8	7
127	Bayesian modeling of reproducibility and robustness of RNA reverse transcription and quantitative real-time polymerase chain reaction. *Analytical Biochemistry*, **2012**, 428, 81-91	3.1	9
126	The E3 Ubiquitin Ligase Activity of Transcription Factor AHR Permits Nongenomic Regulation of Biological Pathways **2011**, 143-156		1
125	Epigenetic Mechanisms in AHR Function **2011**, 157-178		1
124	AHR-Active Compounds in the Human Diet **2011**, 331-342		4
123	TCDD, AHR, and Immune Regulation **2011**, 277-284		
122	AHR Ligands: Promiscuity in Binding and Diversity in Response **2011**, 63-79		18
121	Overview of AHR Functional Domains and the Classical AHR Signaling Pathway: Induction of Drug Metabolizing Enzymes **2011**, 33-45		5
120	History of Research on the AHR **2011**, 1-32		3
119	Dioxin Response Elements and Regulation of Gene Transcription **2011**, 81-91		0
118	The AHR/ARNT Dimer and Transcriptional Coactivators **2011**, 93-100		3
117	Regulation of AHR Activity by the AHR Repressor (AHRR) **2011**, 101-108		
116	Role of Chaperone Proteins in AHR Function **2011**, 47-61		0
115	Influence of HIF1α and NRF2 Signaling on AHR-Mediated Gene Expression, Toxicity, and Biological Functions **2011**, 109-126		0
114	Interspecies Heterogeneity in the Hepatic Transcriptomic Response to AHR Activation by Dioxin **2011**, 217-227		
113	Nongenomic Route of Action of TCDD: Identity, Characteristics, and Toxicological Significance **2011**, 197-215		3
112	Effects of Dioxins on Teeth and Bone: The Role of AHR **2011**, 285-297		1
111	Modulation of AHR Function by Heavy Metals and Disease States **2011**, 343-372		

110	Structural and Functional Diversification of AHRs during Metazoan Evolution **2011**, 387-403		2
109	Adverse Health Outcomes Caused By Dioxin-Activated AHR in Humans **2011**, 307-316		1
108	The Toxic Equivalency Principle and its Application in Dioxin Risk Assessment **2011**, 317-330		3
107	Impacts of Dioxin-Activated AHR Signaling in Fish and Birds **2011**, 299-306		
106	Involvement of the AHR in Cardiac Function and Regulation of Blood Pressure **2011**, 423-436		
105	Transgenic Mice with a Constitutively Active AHR: A Model for Human Exposure to Dioxin and other AHR Ligands **2011**, 373-385		
104	Invertebrate AHR Homologs: Ancestral Functions in Sensory Systems **2011**, 405-411		3
103	Role of AHR in the Development of the Liver and Blood Vessels **2011**, 413-421		2
102	Involvement of the AHR in Development and Functioning of the Female and Male Reproductive Systems **2011**, 437-466		3
101	Functional Interactions of AHR with other Receptors **2011**, 127-141		2
100	Role of the AHR and its Structure in TCDD Toxicity **2011**, 179-196		4
99	The Developmental Toxicity of Dioxin to the Developing Male Reproductive System in the Rat: Relevance of the AHR for Risk Assessment **2011**, 267-276		
98	The Physiological Role of AHR in the Mouse Immune System **2011**, 499-510		
97	Dioxin Activated AHR and Cancer in Laboratory Animals **2011**, 245-256		
96	Teratogenic Impact of Dioxin Activated AHR in Laboratory Animals **2011**, 257-266		
95	Dioxin-Activated AHR: Toxic Responses and the Induction of Oxidative Stress **2011**, 229-244		
94	Immediate and highly sensitive aversion response to a novel food item linked to AH receptor stimulation. *Toxicology Letters*, **2011**, 203, 252-7	4.4	10
93	The AHR in the Control of Cell Cycle and Apoptosis **2011**, 467-483		1

92	The AHR Regulates Cell Adhesion and Migration by Interacting with Oncogene and Growth Factor-Dependent Signaling **2011**, 485-497		1
91	AHR and the Circadian Clock **2011**, 511-522		1
90	Hepatic transcriptomic responses to TCDD in dioxin-sensitive and dioxin-resistant rats during the onset of toxicity. *Toxicology and Applied Pharmacology*, **2011**, 251, 119-29	4.6	38
89	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. *Pharmacology Biochemistry and Behavior*, **2011**, 99, 487-99	3.9	7
88	Circadian differences between two rat strains in their feeding and drinking micro- and macrostructures. *Biological Rhythm Research*, **2011**, 42, 385-405	0.8	4
87	Characterization of the 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-provoked strong and rapid aversion to unfamiliar foodstuffs in rats. *Toxicology*, **2011**, 283, 140-50	4.4	9
86	mRNA levels in control rat liver display strain-specific, hereditary, and AHR-dependent components. *PLoS ONE*, **2011**, 6, e18337	3.7	7
85	Aryl hydrocarbon receptor (AHR)-regulated transcriptomic changes in rats sensitive or resistant to major dioxin toxicities. *BMC Genomics*, **2010**, 11, 263	4.5	40
84	Dioxins, the aryl hydrocarbon receptor and the central regulation of energy balance. *Frontiers in Neuroendocrinology*, **2010**, 31, 452-78	8.9	73
83	Dioxin-dependent and dioxin-independent gene batteries: comparison of liver and kidney in AHR-null mice. *Toxicological Sciences*, **2009**, 112, 245-56	4.4	45
82	Transgenic mouse lines expressing rat AH receptor variants--a new animal model for research on AH receptor function and dioxin toxicity mechanisms. *Toxicology and Applied Pharmacology*, **2009**, 236, 166-82	4.6	27
81	Transcriptomic responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in liver: comparison of rat and mouse. *BMC Genomics*, **2008**, 9, 419	4.5	68
80	Genome-wide effects of acute progressive feed restriction in liver and white adipose tissue. *Toxicology and Applied Pharmacology*, **2008**, 230, 41-56	4.6	19
79	Aryl hydrocarbon receptor-dependent induction of flavin-containing monooxygenase mRNAs in mouse liver. *Drug Metabolism and Disposition*, **2008**, 36, 2499-505	4	38
78	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. *Toxicology*, **2008**, 250, 132-42	4.4	13
77	Patterns of dioxin-altered mRNA expression in livers of dioxin-sensitive versus dioxin-resistant rats. *Archives of Toxicology*, **2008**, 82, 809-30	5.8	33
76	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. *Toxicology*, **2007**, 235, 39-51	4.4	20
75	Aryl hydrocarbon receptor splice variants in the dioxin-resistant rat: tissue expression and transactivational activity. *Molecular Pharmacology*, **2007**, 72, 956-66	4.3	26

74	microRNAs in adult rodent liver are refractory to dioxin treatment. *Toxicological Sciences*, **2007**, 99, 470-87	4.4	72
73	Evaluation of various housekeeping genes for their applicability for normalization of mRNA expression in dioxin-treated rats. *Chemico-Biological Interactions*, **2006**, 160, 134-49	5	51
72	Interference by 2,3,7,8-tetrachlorodibenzo-p-dioxin with cultured mouse submandibular gland branching morphogenesis involves reduced epidermal growth factor receptor signaling. *Toxicology and Applied Pharmacology*, **2006**, 212, 200-11	4.6	9
71	Differential expression profiling of the hepatic proteome in a rat model of dioxin resistance: correlation with genomic and transcriptomic analyses. *Molecular and Cellular Proteomics*, **2006**, 5, 882-94	7.6	48
70	Aryl hydrocarbon receptor regulates distinct dioxin-dependent and dioxin-independent gene batteries. *Molecular Pharmacology*, **2006**, 69, 140-53	4.3	263
69	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. *Basic and Clinical Pharmacology and Toxicology*, **2006**, 98, 363-71	3.1	5
68	Bone resorption by aryl hydrocarbon receptor-expressing osteoclasts is not disturbed by TCDD in short-term cultures. *Life Sciences*, **2005**, 77, 1351-66	6.8	25
67	Toxicological implications of polymorphisms in receptors for xenobiotic chemicals: the case of the aryl hydrocarbon receptor. *Toxicology and Applied Pharmacology*, **2005**, 207, 43-51	4.6	98
66	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. *Journal of Biochemical and Molecular Toxicology*, **2005**, 19, 139-48	3.4	15
65	Effect of TCDD on mRNA expression of genes encoding bHLH/PAS proteins in rat hypothalamus. *Toxicology*, **2005**, 208, 1-11	4.4	25
64	TCDD activates Mdm2 and attenuates the p53 response to DNA damaging agents. *Carcinogenesis*, **2005**, 26, 201-8	4.6	59
63	Lactational exposure of Han/Wistar rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin interferes with enamel maturation and retards dentin mineralization. *Journal of Dental Research*, **2004**, 83, 139-44	8.1	35
62	Simultaneous exposure of rats to dioxin and carbon monoxide reduces the xenobiotic but not the hypoxic response. *Biological Chemistry*, **2004**, 385, 291-4	4.5	17
61	Developmental toxicity of dioxin to mouse embryonic teeth in vitro: arrest of tooth morphogenesis involves stimulation of apoptotic program in the dental epithelium. *Toxicology and Applied Pharmacology*, **2004**, 194, 24-33	4.6	24
60	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. *Toxicology and Applied Pharmacology*, **2004**, 196, 11-9	4.6	5
59	Effects of epidermal growth factor receptor deficiency and 2,3,7,8-tetrachlorodibenzo-p-dioxin on fetal development in mice. *Toxicology Letters*, **2004**, 150, 285-91	4.4	16
58	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. *Biochemical and Biophysical Research Communications*, **2004**, 315, 123-31	3.4	49
57	Dioxin-responsive AHRE-II gene battery: identification by phylogenetic footprinting. *Biochemical and Biophysical Research Communications*, **2004**, 321, 707-15	3.4	78

56	Cadmium intake of moose hunters in Finland from consumption of moose meat, liver and kidney. *Food Additives and Contaminants*, **2003**, 20, 453-63		7
55	Identification of novel splice variants of ARNT and ARNT2 in the rat. *Biochemical and Biophysical Research Communications*, **2003**, 303, 1095-100	3.4	23
54	2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced accumulation of biliverdin and hepatic peliosis in rats. *Toxicological Sciences*, **2003**, 71, 112-23	4.4	22
53	Comparison of acute toxicities of indolo[3,2-b]carbazole (ICZ) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in TCDD-sensitive rats. *Food and Chemical Toxicology*, **2002**, 40, 1023-32	4.7	27
52	Expression of the mediators of dioxin toxicity, aryl hydrocarbon receptor (AHR) and the AHR nuclear translocator (ARNT), is developmentally regulated in mouse teeth. *International Journal of Developmental Biology*, **2002**, 46, 295-300	1.9	10
51	Arrest of rat molar tooth development by lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin. *Toxicology and Applied Pharmacology*, **2001**, 173, 38-47	4.6	39
50	Persistent, low-dose 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure: effect on aryl hydrocarbon receptor expression in a dioxin-resistance model. *Toxicology and Applied Pharmacology*, **2001**, 175, 43-53	4.6	30
49	In vivo up-regulation of aryl hydrocarbon receptor expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in a dioxin-resistant rat model. *Biochemical Pharmacology*, **2001**, 62, 1565-78	6	43
48	The AH receptor of the most dioxin-sensitive species, guinea pig, is highly homologous to the human AH receptor. *Biochemical and Biophysical Research Communications*, **2001**, 285, 1121-9	3.4	39
47	Prenatal testosterone and luteinizing hormone levels in male rats exposed during pregnancy to 2,3,7,8-tetrachlorodibenzo-p-dioxin and diethylstilbestrol. *Molecular and Cellular Endocrinology*, **2001**, 178, 169-79	4.4	55
46	Changes in food intake and food selection in rats after 2,3,7, 8-tetrachlorodibenzo-p-dioxin (TCDD) exposure. *Pharmacology Biochemistry and Behavior*, **2000**, 65, 381-7	3.9	15
45	Restructured transactivation domain in hamster AH receptor. *Biochemical and Biophysical Research Communications*, **2000**, 273, 272-81	3.4	33
44	The AH receptor and a novel gene determine acute toxic responses to TCDD: segregation of the resistant alleles to different rat lines. *Toxicology and Applied Pharmacology*, **1999**, 155, 71-81	4.6	95
43	Physicochemical differences in the AH receptors of the most TCDD-susceptible and the most TCDD-resistant rat strains. *Toxicology and Applied Pharmacology*, **1999**, 155, 82-95	4.6	88
42	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. *Archives of Toxicology*, **1999**, 73, 323-36	5.8	53
41	TCDD-induced anorexia and wasting syndrome in rats: effects of diet-induced obesity and nutrition. *Pharmacology Biochemistry and Behavior*, **1999**, 62, 735-42	3.9	42
40	Dioxin-induced perturbations in tryptophan homeostasis in laboratory animals. *Advances in Experimental Medicine and Biology*, **1999**, 467, 433-42	3.6	9
39	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. *Archives of Toxicology*, **1998**, 72, 769-76	5.8	11

38	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. *Molecular Pharmacology*, **1998**, 54, 86-93	4.3	149
37	Differences in binding of epidermal growth factor to liver membranes of TCDD-resistant and TCDD-sensitive rats after a single dose of TCDD. *Environmental Toxicology and Pharmacology*, **1996**, 1, 109-16	5.8	2
36	Mechanism by which 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) reduces circulating melatonin levels in the rat. *Toxicology*, **1996**, 107, 85-97	4.4	24
35	Alterations in plasma tryptophan binding to albumin in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated Long-Evans rats. *European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section*, **1995**, 293, 115-21		1
34	Biochemical effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and related compounds on the central nervous system. *International Journal of Biochemistry and Cell Biology*, **1995**, 27, 443-55	5.6	39
33	2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced anorexia and wasting syndrome in rats: aggravation after ventromedial hypothalamic lesion. *European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section*, **1995**, 293, 309-17		30
32	Toxic equivalency factors do not predict the acute toxicities of dioxins in rats. *European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section*, **1995**, 293, 341-53		24
31	Modulation of TCDD-induced wasting syndrome by portocaval anastomosis and vagotomy in Long-Evans and Han/Wistar rats. *European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section*, **1995**, 292, 277-85		4
30	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. *Archives of Toxicology*, **1995**, 69, 677-83	5.8	18
29	TCDD-induced hypophagia is not explained by nausea. *Pharmacology Biochemistry and Behavior*, **1994**, 47, 273-82	3.9	19
28	Characterization of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced brain serotonin metabolism in the rat. *European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section*, **1994**, 270, 157-66		10
27	TCDD decreases brain inositol concentrations in the rat. *Toxicology Letters*, **1994**, 70, 363-72	4.4	10
26	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. *Life Sciences*, **1993**, 53, 1479-87	6.8	11
25	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. *Basic and Clinical Pharmacology and Toxicology*, **1993**, 72, 279-85		11
24	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. *Basic and Clinical Pharmacology and Toxicology*, **1993**, 73, 52-6		80
23	Exposure to 2,3,7,8-tetrachlorodibenzo-para-dioxin leads to defective dentin formation and pulpal perforation in rat incisor tooth. *Toxicology*, **1993**, 81, 1-13	4.4	53
22	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. *Biochemical Pharmacology*, **1993**, 46, 651-9	6	29
21	Acute toxicity of perfluorodecanoic acid and cobalt protoporphyrin in a TCDD-sensitive and a TCDD-resistant rat strain. *Chemosphere*, **1992**, 25, 1233-1238	8.4	4

20	The effect of TCDD on the pineal gland of Han/Wistar rats. *Micron and Microscopica Acta*, **1992**, 23, 105-106		
19	Acute neurobehavioural effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in Han/Wistar rats. *Basic and Clinical Pharmacology and Toxicology*, **1992**, 71, 284-8		15
18	TCDD decreases rapidly and persistently serum melatonin concentration without morphologically affecting the pineal gland in TCDD-resistant Han/Wistar rats. *Basic and Clinical Pharmacology and Toxicology*, **1991**, 69, 427-32		20
17	Characterization of the enhanced responsiveness to postingestive satiety signals in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treated Han/Wistar rats. *Basic and Clinical Pharmacology and Toxicology*, **1991**, 69, 433-41		11
16	Do new hypotheses on the mechanism of action of dioxins help in risk evaluation?. *Science of the Total Environment*, **1991**, 106, 21-31	10.2	9
15	Tissue distribution, metabolism, and excretion of 14C-TCDD in a TCDD-susceptible and a TCDD-resistant rat strain. *Basic and Clinical Pharmacology and Toxicology*, **1990**, 66, 93-100		86
14	Studies on the role of lipid peroxidation in the acute toxicity of TCDD in rats. *Basic and Clinical Pharmacology and Toxicology*, **1990**, 66, 399-408		40
13	Changes in rat brain monoamines, monoamine metabolites and histamine after a single administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). *Basic and Clinical Pharmacology and Toxicology*, **1990**, 67, 260-5		21
12	The loss of glucoprivic feeding is an early-stage alteration in TCDD-treated Han/Wistar rats. *Basic and Clinical Pharmacology and Toxicology*, **1990**, 67, 441-3		9
11	Mechanism of action of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). *Toxicology and Applied Pharmacology*, **1990**, 105, 508-9	4.6	25
10	2,3,7,8-Tetrachlorodibenzo-p-dioxin enhances responsiveness to post-ingestive satiety signals. *Toxicology*, **1990**, 63, 285-99	4.4	29
9	TCDD resistance is inherited as an autosomal dominant trait in the rat. *Toxicology Letters*, **1990**, 50, 49-56	4.4	23
8	TCDD reduces serum melatonin levels in Long-Evans rats. *Basic and Clinical Pharmacology and Toxicology*, **1989**, 65, 239-40		20
7	The central nervous system may be involved in TCDD toxicity. *Toxicology*, **1989**, 58, 167-74	4.4	27
6	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. *Fundamental and Applied Toxicology*, **1989**, 12, 698-712		77
5	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. *Toxicological Sciences*, **1989**, 12, 698-712	4.4	1
4	Screening of pharmacological agents given peripherally with respect to TCDD-induced wasting syndrome in Long-Evans rats. *Basic and Clinical Pharmacology and Toxicology*, **1988**, 63, 240-7		16
3	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. *Toxicology and Applied Pharmacology*, **1988**, 92, 131-40	4.6	77

2	Han/Wistar rats are exceptionally resistant to TCDD. I. *Basic and Clinical Pharmacology and Toxicology*, **1987**, 60, 145-50	60
1	Identifying TCDD-resistance genes via murine and rat comparative genomics and transcriptomics	1