

Miroslav Machala

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

113
papers

3,638
citations

36
h-index

54
g-index

114
ext. papers

3,937
ext. citations

4.9
avg, IF

4.74
L-index

#	Paper	IF	Citations
113	In vitro profiling of toxic effects of environmental polycyclic aromatic hydrocarbons on nuclear receptor signaling, disruption of endogenous metabolism and induction of cellular stress. <i>Science of the Total Environment</i> , 2021 , 151967	10.2	3
112	The Role of Metabolism in Toxicity of Polycyclic Aromatic Hydrocarbons and their Non-genotoxic Modes of Action. <i>Current Drug Metabolism</i> , 2021 , 22, 584-595	3.5	1
111	Polychlorinated environmental toxicants affect sphingolipid metabolism during neurogenesis in vitro. <i>Toxicology</i> , 2021 , 463, 152986	4.4	0
110	Complex Alterations of Fatty Acid Metabolism and Phospholipidome Uncovered in Isolated Colon Cancer Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	8
109	A prolonged exposure of human lung carcinoma epithelial cells to benzo[a]pyrene induces p21-dependent epithelial-to-mesenchymal transition (EMT)-like phenotype. <i>Chemosphere</i> , 2021 , 263, 128126	8.4	0
108	Changes in Sphingolipid Profile of Benzo[a]pyrene-Transformed Human Bronchial Epithelial Cells Are Reflected in the Altered Composition of Sphingolipids in Their Exosomes. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
107	Transcription profiles in BEAS-2B cells exposed to organic extracts from particulate emissions produced by a port-fuel injection vehicle, fueled with conventional fossil gasoline and gasoline-ethanol blend. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2021 , 872, 503414	3	1
106	Gadolinium labelled nanoliposomes as the platform for MRI theranostics: in vitro safety study in liver cells and macrophages. <i>Scientific Reports</i> , 2020 , 10, 4780	4.9	10
105	Phospholipid profiling enables to discriminate tumor- and non-tumor-derived human colon epithelial cells: Phospholipidome similarities and differences in colon cancer cell lines and in patient-derived cell samples. <i>PLoS ONE</i> , 2020 , 15, e0228010	3.7	7
104	Specific alterations of sphingolipid metabolism identified in EpCAM-positive cells isolated from human colon tumors. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020 , 1865, 158742	5.4	3
103	Environmental six-ring polycyclic aromatic hydrocarbons are potent inducers of the AhR-dependent signaling in human cells. <i>Environmental Pollution</i> , 2020 , 266, 115125	9.3	5
102	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Disrupts Control of Cell Proliferation and Apoptosis in a Human Model of Adult Liver Progenitors. <i>Toxicological Sciences</i> , 2019 , 172, 368-384	4.4	3
101	Bulky DNA adducts, microRNA profiles, and lipid biomarkers in Norwegian tunnel finishing workers occupationally exposed to diesel exhaust. <i>Occupational and Environmental Medicine</i> , 2019 , 76, 10-16	2.1	7
100	Application of Advanced Microscopic Methods to Study the Interaction of Carboxylated Fluorescent Nanodiamonds with Membrane Structures in THP-1 Cells: Activation of Inflammasome NLRP3 as the Result of Lysosome Destabilization. <i>Molecular Pharmaceutics</i> , 2019 , 16, 3441-3451	5.6	5
99	Modulation of endocrine nuclear receptor activities by polyaromatic compounds present in fractionated extracts of diesel exhaust particles. <i>Science of the Total Environment</i> , 2019 , 677, 626-636	10.2	10
98	Screening of Cellular Stress Responses Induced by Ambient Aerosol Ultrafine Particle Fraction PM0.5 in A549 Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
97	Colon Cancer and Perturbations of the Sphingolipid Metabolism. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	14

96	n-3 Polyunsaturated fatty acids alter benzo[a]pyrene metabolism and genotoxicity in human colon epithelial cell models. <i>Food and Chemical Toxicology</i> , 2019 , 124, 374-384	4.7	8
95	Size-segregated urban aerosol characterization by electron microscopy and dynamic light scattering and influence of sample preparation. <i>Atmospheric Environment</i> , 2018 , 178, 181-190	5.3	7
94	Butyrate and docosahexaenoic acid interact in alterations of specific lipid classes in differentiating colon cancer cells. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 4664-4679	4.7	10
93	Adaptive changes in global gene expression profile of lung carcinoma A549 cells acutely exposed to distinct types of AhR ligands. <i>Toxicology Letters</i> , 2018 , 292, 162-174	4.4	16
92	Transcriptional response to organic compounds from diverse gasoline and biogasoline fuel emissions in human lung cells. <i>Toxicology in Vitro</i> , 2018 , 48, 329-341	3.6	16
91	In vitro profiling of toxic effects of prominent environmental lower-chlorinated PCB congeners linked with endocrine disruption and tumor promotion. <i>Environmental Pollution</i> , 2018 , 237, 473-486	9.3	47
90	In Vitro Transformation of Human Bronchial Epithelial Cells by Diesel Exhaust Particles: Gene Expression Profiling and Early Toxic Responses. <i>Toxicological Sciences</i> , 2018 , 166, 51-64	4.4	18
89	Relative effective potencies of dioxin-like compounds in rodent and human lung cell models. <i>Toxicology</i> , 2018 , 404-405, 33-41	4.4	12
88	Atropisomers of 2,2,3,3,6,6-hexachlorobiphenyl (PCB 136) exhibit stereoselective effects on activation of nuclear receptors in vitro. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 16411-16419	5.1	9
87	Polycyclic aromatic hydrocarbons and disruption of steroid signaling. <i>Current Opinion in Toxicology</i> , 2018 , 11-12, 27-34	4.4	10
86	Aryl Hydrocarbon Receptor-Dependent Metabolism Plays a Significant Role in Estrogen-Like Effects of Polycyclic Aromatic Hydrocarbons on Cell Proliferation. <i>Toxicological Sciences</i> , 2018 , 165, 447-461	4.4	21
85	Dietary fatty acids specifically modulate phospholipid pattern in colon cells with distinct differentiation capacities. <i>European Journal of Nutrition</i> , 2017 , 56, 1493-1508	5.2	7
84	Butyrate alters expression of cytochrome P450 1A1 and metabolism of benzo[a]pyrene via its histone deacetylase activity in colon epithelial cell models. <i>Archives of Toxicology</i> , 2017 , 91, 2135-2150	5.8	20
83	Assessment of the aryl hydrocarbon receptor-mediated activities of polycyclic aromatic hydrocarbons in a human cell-based reporter gene assay. <i>Environmental Pollution</i> , 2017 , 220, 307-316	9.3	37
82	Pure non-dioxin-like PCB congeners suppress induction of AhR-dependent endpoints in rat liver cells. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 2099-107	5.1	10
81	Toxic Effects of the Major Components of Diesel Exhaust in Human Alveolar Basal Epithelial Cells (A549). <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	21
80	Environmental Ligands of the Aryl Hydrocarbon Receptor and Their Effects in Models of Adult Liver Progenitor Cells. <i>Stem Cells International</i> , 2016 , 2016, 4326194	5	13
79	Comparative Analysis of Toxic Responses of Organic Extracts from Diesel and Selected Alternative Fuels Engine Emissions in Human Lung BEAS-2B Cells. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	26

78	Day-to-day variability of toxic events induced by organic compounds bound to size segregated atmospheric aerosol. <i>Environmental Pollution</i> , 2015 , 202, 135-45	9.3	21
77	The aryl hydrocarbon receptor-dependent disruption of contact inhibition in rat liver WB-F344 epithelial cells is linked with induction of survivin, but not with inhibition of apoptosis. <i>Toxicology</i> , 2015 , 333, 37-44	4.4	4
76	Inhibition of Eatenin signalling promotes DNA damage elicited by benzo[a]pyrene in a model of human colon cancer cells via CYP1 deregulation. <i>Mutagenesis</i> , 2015 , 30, 565-76	2.8	12
75	Interactive effects of inflammatory cytokine and abundant low-molecular-weight PAHs on inhibition of gap junctional intercellular communication, disruption of cell proliferation control, and the AhR-dependent transcription. <i>Toxicology Letters</i> , 2015 , 232, 113-21	4.4	17
74	The aryl hydrocarbon receptor-mediated and genotoxic effects of fractionated extract of standard reference diesel exhaust particle material in pulmonary, liver and prostate cells. <i>Toxicology in Vitro</i> , 2015 , 29, 438-48	3.6	23
73	Consensus toxicity factors for polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls combining in silico models and extensive in vitro screening of AhR-mediated effects in human and rodent cells. <i>Chemical Research in Toxicology</i> , 2015 , 28, 641-50	4	31
72	Analysis of gene expression changes in A549 cells induced by organic compounds from respirable air particles. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014 , 770, 94-105	3.3	30
71	DHA-mediated enhancement of TRAIL-induced apoptosis in colon cancer cells is associated with engagement of mitochondria and specific alterations in sphingolipid metabolism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014 , 1841, 1308-17	5	32
70	Upregulation of CYP1B1 expression by inflammatory cytokines is mediated by the p38 MAP kinase signal transduction pathway. <i>Carcinogenesis</i> , 2014 , 35, 2534-43	4.6	25
69	Genotoxicity but not the AhR-mediated activity of PAHs is inhibited by other components of complex mixtures of ambient air pollutants. <i>Toxicology Letters</i> , 2014 , 225, 350-7	4.4	32
68	In vitro and in silico derived relative effect potencies of ah-receptor-mediated effects by PCDD/Fs and PCBs in rat, mouse, and guinea pig CALUX cell lines. <i>Chemical Research in Toxicology</i> , 2014 , 27, 1120-32	4.2	11
67	Aryl hydrocarbon receptor-mediated disruption of contact inhibition is associated with connexin43 downregulation and inhibition of gap junctional intercellular communication. <i>Archives of Toxicology</i> , 2013 , 87, 491-503	5.8	24
66	AhR-mediated changes in global gene expression in rat liver progenitor cells. <i>Archives of Toxicology</i> , 2013 , 87, 681-98	5.8	27
65	Inflammatory mediators accelerate metabolism of benzo[a]pyrene in rat alveolar type II cells: the role of enhanced cytochrome P450 1B1 expression. <i>Toxicology</i> , 2013 , 314, 30-8	4.4	19
64	Aryl hydrocarbon receptor negatively regulates expression of the plakoglobin gene (jup). <i>Toxicological Sciences</i> , 2013 , 134, 258-70	4.4	13
63	Lipid alterations in human colon epithelial cells induced to differentiation and/or apoptosis by butyrate and polyunsaturated fatty acids. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 539-48	6.3	17
62	Environmental Estrogens 2012 , 671-684		
61	Genotoxicity of 7H-dibenzo[c,g]carbazole and its methyl derivatives in human keratinocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012 , 743, 91-8	3	3

60	Identification and quantitative confirmation of dinitropyrenes and 3-nitrobenzanthrone as major mutagens in contaminated sediments. <i>Environment International</i> , 2012 , 44, 31-9	12.9	32
59	Global gene expression changes in human embryonic lung fibroblasts induced by organic extracts from respirable air particles. <i>Particle and Fibre Toxicology</i> , 2012 , 9, 1	8.4	64
58	TGF- β signaling plays a dominant role in the crosstalk between TGF- β and the aryl hydrocarbon receptor ligand in prostate epithelial cells. <i>Cellular Signalling</i> , 2012 , 24, 1665-76	4.9	16
57	Benzo[a]pyrene and tumor necrosis factor- α coordinately increase genotoxic damage and the production of proinflammatory mediators in alveolar epithelial type II cells. <i>Toxicology Letters</i> , 2011 , 206, 121-9	4.4	43
56	Gene expression changes in human prostate carcinoma cells exposed to genotoxic and nongenotoxic aryl hydrocarbon receptor ligands. <i>Toxicology Letters</i> , 2011 , 206, 178-88	4.4	35
55	In vitro toxicity profiling of ultrapure non-dioxin-like polychlorinated biphenyl congeners and their relative toxic contribution to PCB mixtures in humans. <i>Toxicological Sciences</i> , 2011 , 121, 88-100	4.4	112
54	Interactions of the aryl hydrocarbon receptor with inflammatory mediators: beyond CYP1A regulation. <i>Current Drug Metabolism</i> , 2011 , 12, 89-103	3.5	51
53	Activation of the aryl hydrocarbon receptor is the major toxic mode of action of an organic extract of a reference urban dust particulate matter mixture: the role of polycyclic aromatic hydrocarbons. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011 , 714, 53-62	3.3	69
52	Multivariate toxicity profiles and QSAR modeling of non-dioxin-like PCBs--an investigation of in vitro screening data from ultra-pure congeners. <i>Chemosphere</i> , 2011 , 85, 1423-9	8.4	29
51	Genotoxicity of 7H-dibenzo[c,g]carbazole and its tissue-specific derivatives in human hepatoma HepG2 cells is related to CYP1A1/1A2 expression. <i>Environmental and Molecular Mutagenesis</i> , 2011 , 52, 636-45	3.2	5
50	Polar compounds dominate in vitro effects of sediment extracts. <i>Environmental Science & Technology</i> , 2011 , 45, 2384-90	10.3	77
49	Toxic effects of methylated benzo[a]pyrenes in rat liver stem-like cells. <i>Chemical Research in Toxicology</i> , 2011 , 24, 866-76	4	12
48	Differential effects of indirubin and 2,3,7,8-tetrachlorodibenzo-p-dioxin on the aryl hydrocarbon receptor (AhR) signalling in liver progenitor cells. <i>Toxicology</i> , 2011 , 279, 146-54	4.4	22
47	The interplay of the aryl hydrocarbon receptor and β -catenin alters both AhR-dependent transcription and Wnt/ β -catenin signaling in liver progenitors. <i>Toxicological Sciences</i> , 2011 , 122, 349-60	4.4	63
46	Diagnostic Tools for Effect-Directed Analysis of Mutagens, AhR Agonists, and Endocrine Disruptors. <i>Handbook of Environmental Chemistry</i> , 2011 , 69-82	0.8	8
45	Genotoxic polycyclic aromatic hydrocarbons fail to induce the p53-dependent DNA damage response, apoptosis or cell-cycle arrest in human prostate carcinoma LNCaP cells. <i>Toxicology Letters</i> , 2010 , 197, 227-35	4.4	21
44	Assessing relationships between chemical exposure, parasite infection, fish health, and fish ecological status: a case study using chub (<i>Leuciscus cephalus</i>) in the Blana River, Czech Republic. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 453-466	3.8	8
43	The 2,2',4,4',5,5'-hexachlorobiphenyl-enhanced degradation of connexin 43 involves both proteasomal and lysosomal activities. <i>Toxicological Sciences</i> , 2009 , 107, 9-18	4.4	19

42	Differences in DNA damage and repair produced by systemic, hepatocarcinogenic and sarcomagenic dibenzocarbazole derivatives in a model of rat liver progenitor cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009 , 665, 51-60	3.3	12
41	The role of aryl hydrocarbon receptor in regulation of enzymes involved in metabolic activation of polycyclic aromatic hydrocarbons in a model of rat liver progenitor cells. <i>Chemico-Biological Interactions</i> , 2009 , 180, 226-37	5	32
40	Tumor promoting properties of a cigarette smoke prevalent polycyclic aromatic hydrocarbon as indicated by the inhibition of gap junctional intercellular communication via phosphatidylcholine-specific phospholipase C. <i>Cancer Science</i> , 2008 , 99, 696-705	6.9	47
39	Reduction of doxorubicin and oracin and induction of carbonyl reductase in human breast carcinoma MCF-7 cells. <i>Chemico-Biological Interactions</i> , 2008 , 176, 9-18	5	30
38	DNA adducts formation and induction of apoptosis in rat liver epithelial stem-like cells exposed to carcinogenic polycyclic aromatic hydrocarbons. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008 , 638, 122-32	3.3	47
37	Tumor necrosis factor-alpha potentiates genotoxic effects of benzo[a]pyrene in rat liver epithelial cells through upregulation of cytochrome P450 1B1 expression. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008 , 640, 162-9	3.3	42
36	Estrogenic activity of environmental polycyclic aromatic hydrocarbons in uterus of immature Wistar rats. <i>Toxicology Letters</i> , 2008 , 180, 212-21	4.4	66
35	Toxic effects of methylated benz[a]anthracenes in liver cells. <i>Chemical Research in Toxicology</i> , 2008 , 21, 503-12	4	29
34	How to confirm identified toxicants in effect-directed analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 390, 1959-73	4.4	81
33	beta-Naphthoflavone and 3-methoxy-4-nitroflavone exert ambiguous effects on Ah receptor-dependent cell proliferation and gene expression in rat liver stem-like cells. <i>Biochemical Pharmacology</i> , 2007 , 73, 1622-34	6	23
32	The aryl hydrocarbon receptor-dependent deregulation of cell cycle control induced by polycyclic aromatic hydrocarbons in rat liver epithelial cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007 , 615, 87-97	3.3	60
31	Concentrations of methylated naphthalenes, anthracenes, and phenanthrenes occurring in Czech river sediments and their effects on toxic events associated with carcinogenesis in rat liver cell lines. <i>Environmental Toxicology and Chemistry</i> , 2007 , 26, 2308-16	3.8	38
30	Tumor necrosis factor-alpha modulates effects of aryl hydrocarbon receptor ligands on cell proliferation and expression of cytochrome P450 enzymes in rat liver "stem-like" cells. <i>Toxicological Sciences</i> , 2007 , 99, 79-89	4.4	37
29	Apoptosis and inhibition of gap-junctional intercellular communication induced by LA-12, a novel hydrophobic platinum(IV) complex. <i>Archives of Biochemistry and Biophysics</i> , 2007 , 462, 54-61	4.1	19
28	Activation of ERK1/2 and p38 kinases by polycyclic aromatic hydrocarbons in rat liver epithelial cells is associated with induction of apoptosis. <i>Toxicology and Applied Pharmacology</i> , 2006 , 211, 198-208	4.6	23
27	7H-Dibenzo[c,g]carbazole and 5,9-dimethyldibenzo[c,g]carbazole exert multiple toxic events contributing to tumor promotion in rat liver epithelial stem-like cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006 , 596, 43-56	3.3	33
26	Aryl hydrocarbon receptor-activating polychlorinated biphenyls and their hydroxylated metabolites induce cell proliferation in contact-inhibited rat liver epithelial cells. <i>Toxicological Sciences</i> , 2005 , 83, 53-63	4.4	40
25	Deregulation of cell proliferation by polycyclic aromatic hydrocarbons in human breast carcinoma MCF-7 cells reflects both genotoxic and nongenotoxic events. <i>Toxicological Sciences</i> , 2005 , 83, 246-56	4.4	86

24	Chemoprotective and toxic potentials of synthetic and natural chalcones and dihydrochalcones in vitro. <i>Toxicology</i> , 2005 , 208, 81-93	4.4	41
23	Effects of silymarin flavonolignans and synthetic silybin derivatives on estrogen and aryl hydrocarbon receptor activation. <i>Toxicology</i> , 2005 , 215, 80-9	4.4	66
22	Impact of polychlorinated biphenyls contamination on estrogenic activity in human male serum. <i>Environmental Health Perspectives</i> , 2005 , 113, 1277-84	8.4	108
21	Polycyclic aromatic hydrocarbons modulate cell proliferation in rat hepatic epithelial stem-like WB-F344 cells. <i>Toxicology and Applied Pharmacology</i> , 2004 , 196, 136-48	4.6	64
20	Induction of aryl hydrocarbon receptor-mediated and estrogen receptor-mediated activities, and modulation of cell proliferation by dinaphthofurans. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 2214-20	3.8	21
19	Toxicity of hydroxylated and quinoid PCB metabolites: inhibition of gap junctional intercellular communication and activation of aryl hydrocarbon and estrogen receptors in hepatic and mammary cells. <i>Chemical Research in Toxicology</i> , 2004 , 17, 340-7	4	79
18	Inter-species comparisons of hepatic cytochrome P450 enzyme levels in male ruminants. <i>Archives of Toxicology</i> , 2003 , 77, 555-60	5.8	25
17	Inhibition of gap junctional intercellular communication by noncoplanar polychlorinated biphenyls: inhibitory potencies and screening for potential mode(s) of action. <i>Toxicological Sciences</i> , 2003 , 76, 102-114	4.4	66
16	Modulation of estrogen receptor-dependent reporter construct activation and G0/G1-S-phase transition by polycyclic aromatic hydrocarbons in human breast carcinoma MCF-7 cells. <i>Toxicological Sciences</i> , 2002 , 70, 193-201	4.4	47
15	Inhibition of gap-junctional intercellular communication by environmentally occurring polycyclic aromatic hydrocarbons. <i>Toxicological Sciences</i> , 2002 , 65, 43-51	4.4	79
14	Chemoprotective potentials of homoisoflavonoids and chalcones of <i>Dracaena cinnabari</i> : modulations of drug-metabolizing enzymes and antioxidant activity. <i>Phytotherapy Research</i> , 2001 , 15, 114-8	6.7	45
13	Determination and multivariate statistical analysis of biochemical responses to environmental contaminants in feral freshwater fish <i>Leuciscus cephalus</i> L.. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 1141-1148	3.8	26
12	Monitoring river sediments contaminated predominantly with polyaromatic hydrocarbons by chemical and in vitro bioassay techniques. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 1499-1506	3.8	66
11	Aryl hydrocarbon receptor-mediated and estrogenic activities of oxygenated polycyclic aromatic hydrocarbons and azaarenes originally identified in extracts of river sediments. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 2736-2743	3.8	76
10	Characterization of dioxin-like activity of sediments from a Czech River Basin. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 2768-2777	3.8	58
9	Effect of ivermectin on activities of cytochrome P450 isoenzymes in mouflon (<i>Ovis musimon</i>) and fallow deer (<i>Dama dama</i>). <i>Chemico-Biological Interactions</i> , 2001 , 137, 155-67	5	23
8	Aryl hydrocarbon receptor-mediated activity of mutagenic polycyclic aromatic hydrocarbons determined using in vitro reporter gene assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2001 , 497, 49-62	3	247
7	Cell bioassays for detection of aryl hydrocarbon (AhR) and estrogen receptor (ER) mediated activity in environmental samples. <i>Environmental Science and Pollution Research</i> , 2000 , 7, 159-71	5.1	120

6	Effects of chronic exposure to PCBs on cytochrome P450 systems and steroidogenesis in liver and testis of bulls (<i>Bos taurus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 1998 , 120, 65-70	2.6	31
5	Biochemical markers for differentiation of exposures to nonplanar polychlorinated biphenyls, organochlorine pesticides, or 2,3,7, 8-tetrachlorodibenzo-p-dioxin in trout liver. <i>Ecotoxicology and Environmental Safety</i> , 1998 , 41, 107-11	7	49
4	Responses of carp hepatopancreatic 7-ethoxyresorufin-O-deethylase and glutathione-dependent enzymes to organic pollutants – field study. <i>Environmental Toxicology and Chemistry</i> , 1997 , 16, 1410-1416	3.8	24
3	Glutathione-dependent detoxifying enzymes in rainbow trout liver: Search for specific biochemical markers of chemical stress. <i>Environmental Toxicology and Chemistry</i> , 1997 , 16, 1417-1421	3.8	53
2	. <i>Environmental Toxicology and Chemistry</i> , 1997 , 16, 1417	3.8	40
1	. <i>Environmental Toxicology and Chemistry</i> , 1997 , 16, 1410	3.8	22