

# Miroslav Machala

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/895180/miroslav-machala-publications-by-citations.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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> , <b>2001</b> , 497, 49-62	3	247
112	Cell bioassays for detection of aryl hydrocarbon (AhR) and estrogen receptor (ER) mediated activity in environmental samples. <i>Environmental Science and Pollution Research</i> , <b>2000</b> , 7, 159-71	5.1	120
111	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> , <b>2011</b> , 121, 88-100	4.4	112
110	Impact of polychlorinated biphenyls contamination on estrogenic activity in human male serum. <i>Environmental Health Perspectives</i> , <b>2005</b> , 113, 1277-84	8.4	108
109	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> , <b>2005</b> , 83, 246-56	4.4	86
108	How to confirm identified toxicants in effect-directed analysis. <i>Analytical and Bioanalytical Chemistry</i> , <b>2008</b> , 390, 1959-73	4.4	81
107	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> , <b>2004</b> , 17, 340-7	4	79
106	Inhibition of gap-junctional intercellular communication by environmentally occurring polycyclic aromatic hydrocarbons. <i>Toxicological Sciences</i> , <b>2002</b> , 65, 43-51	4.4	79
105	Polar compounds dominate in vitro effects of sediment extracts. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 2384-90	10.3	77
104	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> , <b>2001</b> , 20, 2736-2743	3.8	76
103	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> , <b>2011</b> , 714, 53-62	3.3	69
102	Estrogenic activity of environmental polycyclic aromatic hydrocarbons in uterus of immature Wistar rats. <i>Toxicology Letters</i> , <b>2008</b> , 180, 212-21	4.4	66
101	Inhibition of gap junctional intercellular communication by noncoplanar polychlorinated biphenyls: inhibitory potencies and screening for potential mode(s) of action. <i>Toxicological Sciences</i> , <b>2003</b> , 76, 102-114	4.4	66
100	Effects of silymarin flavonolignans and synthetic silybin derivatives on estrogen and aryl hydrocarbon receptor activation. <i>Toxicology</i> , <b>2005</b> , 215, 80-9	4.4	66
99	Monitoring river sediments contaminated predominantly with polyaromatic hydrocarbons by chemical and in vitro bioassay techniques. <i>Environmental Toxicology and Chemistry</i> , <b>2001</b> , 20, 1499-1506	3.8	66
98	Global gene expression changes in human embryonic lung fibroblasts induced by organic extracts from respirable air particles. <i>Particle and Fibre Toxicology</i> , <b>2012</b> , 9, 1	8.4	64
97	Polycyclic aromatic hydrocarbons modulate cell proliferation in rat hepatic epithelial stem-like WB-F344 cells. <i>Toxicology and Applied Pharmacology</i> , <b>2004</b> , 196, 136-48	4.6	64

96	The interplay of the aryl hydrocarbon receptor and $\beta$ -catenin alters both AhR-dependent transcription and Wnt/ $\beta$ -catenin signaling in liver progenitors. <i>Toxicological Sciences</i> , <b>2011</b> , 122, 349-60	4.4	63
95	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> , <b>2007</b> , 615, 87-97	3.3	60
94	Characterization of dioxin-like activity of sediments from a Czech River Basin. <i>Environmental Toxicology and Chemistry</i> , <b>2001</b> , 20, 2768-2777	3.8	58
93	Glutathione-dependent detoxifying enzymes in rainbow trout liver: Search for specific biochemical markers of chemical stress. <i>Environmental Toxicology and Chemistry</i> , <b>1997</b> , 16, 1417-1421	3.8	53
92	Interactions of the aryl hydrocarbon receptor with inflammatory mediators: beyond CYP1A regulation. <i>Current Drug Metabolism</i> , <b>2011</b> , 12, 89-103	3.5	51
91	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> , <b>1998</b> , 41, 107-11	7	49
90	In vitro profiling of toxic effects of prominent environmental lower-chlorinated PCB congeners linked with endocrine disruption and tumor promotion. <i>Environmental Pollution</i> , <b>2018</b> , 237, 473-486	9.3	47
89	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> , <b>2008</b> , 99, 696-705	6.9	47
88	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> , <b>2008</b> , 638, 122-32	3.3	47
87	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> , <b>2002</b> , 70, 193-201	4.4	47
86	Chemoprotective potentials of homoisoflavonoids and chalcones of <i>Dracaena cinnabari</i> : modulations of drug-metabolizing enzymes and antioxidant activity. <i>Phytotherapy Research</i> , <b>2001</b> , 15, 114-8	6.7	45
85	Benzo[a]pyrene and tumor necrosis factor- $\alpha$ coordinately increase genotoxic damage and the production of proinflammatory mediators in alveolar epithelial type II cells. <i>Toxicology Letters</i> , <b>2011</b> , 206, 121-9	4.4	43
84	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> , <b>2008</b> , 640, 162-9	3.3	42
83	Chemoprotective and toxic potentials of synthetic and natural chalcones and dihydrochalcones in vitro. <i>Toxicology</i> , <b>2005</b> , 208, 81-93	4.4	41
82	Aryl hydrocarbon receptor-activating polychlorinated biphenyls and their hydroxylated metabolites induce cell proliferation in contact-inhibited rat liver epithelial cells. <i>Toxicological Sciences</i> , <b>2005</b> , 83, 53-63	4.4	40
81	. <i>Environmental Toxicology and Chemistry</i> , <b>1997</b> , 16, 1417	3.8	40
80	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> , <b>2007</b> , 26, 2308-16	3.8	38
79	Assessment of the aryl hydrocarbon receptor-mediated activities of polycyclic aromatic hydrocarbons in a human cell-based reporter gene assay. <i>Environmental Pollution</i> , <b>2017</b> , 220, 307-316	9.3	37

78	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> , <b>2007</b> , 99, 79-89	4.4	37
77	Gene expression changes in human prostate carcinoma cells exposed to genotoxic and nongenotoxic aryl hydrocarbon receptor ligands. <i>Toxicology Letters</i> , <b>2011</b> , 206, 178-88	4.4	35
76	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> , <b>2006</b> , 596, 43-56	3.3	33
75	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> , <b>2014</b> , 1841, 1308-17	5	32
74	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> , <b>2014</b> , 225, 350-7	4.4	32
73	Identification and quantitative confirmation of dinitropyrenes and 3-nitrobenzanthrone as major mutagens in contaminated sediments. <i>Environment International</i> , <b>2012</b> , 44, 31-9	12.9	32
72	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> , <b>2009</b> , 180, 226-37	5	32
71	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> , <b>2015</b> , 28, 641-50	4	31
70	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 &amp; Integrative Physiology</i> , <b>1998</b> , 120, 65-70	2.6	31
69	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> , <b>2014</b> , 770, 94-103	3.3	30
68	Reduction of doxorubicin and oracin and induction of carbonyl reductase in human breast carcinoma MCF-7 cells. <i>Chemico-Biological Interactions</i> , <b>2008</b> , 176, 9-18	5	30
67	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> , <b>2011</b> , 85, 1423-9	8.4	29
66	Toxic effects of methylated benz[a]anthracenes in liver cells. <i>Chemical Research in Toxicology</i> , <b>2008</b> , 21, 503-12	4	29
65	AhR-mediated changes in global gene expression in rat liver progenitor cells. <i>Archives of Toxicology</i> , <b>2013</b> , 87, 681-98	5.8	27
64	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> , <b>2001</b> , 20, 1141-1148	3.8	26
63	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> , <b>2016</b> , 17,	6.3	26
62	Upregulation of CYP1B1 expression by inflammatory cytokines is mediated by the p38 MAP kinase signal transduction pathway. <i>Carcinogenesis</i> , <b>2014</b> , 35, 2534-43	4.6	25
61	Inter-species comparisons of hepatic cytochrome P450 enzyme levels in male ruminants. <i>Archives of Toxicology</i> , <b>2003</b> , 77, 555-60	5.8	25

60	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> , <b>2013</b> , 87, 491-503	5.8	24
59	Responses of carp hepatopancreatic 7-ethoxyresorufin-O-deethylase and glutathione-dependent enzymes to organic pollutants—field study. <i>Environmental Toxicology and Chemistry</i> , <b>1997</b> , 16, 1410-1416	3.8	24
58	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> , <b>2015</b> , 29, 438-48	3.6	23
57	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> , <b>2007</b> , 73, 1622-34	6	23
56	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> , <b>2006</b> , 211, 198-208	4.6	23
55	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> , <b>2001</b> , 137, 155-67	5	23
54	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> , <b>2011</b> , 279, 146-54	4.4	22
53	. <i>Environmental Toxicology and Chemistry</i> , <b>1997</b> , 16, 1410	3.8	22
52	Day-to-day variability of toxic events induced by organic compounds bound to size segregated atmospheric aerosol. <i>Environmental Pollution</i> , <b>2015</b> , 202, 135-45	9.3	21
51	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> , <b>2010</b> , 197, 227-35	4.4	21
50	Induction of aryl hydrocarbon receptor-mediated and estrogen receptor-mediated activities, and modulation of cell proliferation by dinaphthofurans. <i>Environmental Toxicology and Chemistry</i> , <b>2004</b> , 23, 2214-20	3.8	21
49	Toxic Effects of the Major Components of Diesel Exhaust in Human Alveolar Basal Epithelial Cells (A549). <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	21
48	Aryl Hydrocarbon Receptor-Dependent Metabolism Plays a Significant Role in Estrogen-Like Effects of Polycyclic Aromatic Hydrocarbons on Cell Proliferation. <i>Toxicological Sciences</i> , <b>2018</b> , 165, 447-461	4.4	21
47	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> , <b>2017</b> , 91, 2135-2150	5.8	20
46	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> , <b>2013</b> , 314, 30-8	4.4	19
45	The 2,2',4,4',5,5'-hexachlorobiphenyl-enhanced degradation of connexin 43 involves both proteasomal and lysosomal activities. <i>Toxicological Sciences</i> , <b>2009</b> , 107, 9-18	4.4	19
44	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> , <b>2007</b> , 462, 54-61	4.1	19
43	In Vitro Transformation of Human Bronchial Epithelial Cells by Diesel Exhaust Particles: Gene Expression Profiling and Early Toxic Responses. <i>Toxicological Sciences</i> , <b>2018</b> , 166, 51-64	4.4	18

42	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> , <b>2015</b> , 232, 113-21	4.4	17
41	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> , <b>2012</b> , 23, 539-48	6.3	17
40	Adaptive changes in global gene expression profile of lung carcinoma A549 cells acutely exposed to distinct types of AhR ligands. <i>Toxicology Letters</i> , <b>2018</b> , 292, 162-174	4.4	16
39	Transcriptional response to organic compounds from diverse gasoline and biogasoline fuel emissions in human lung cells. <i>Toxicology in Vitro</i> , <b>2018</b> , 48, 329-341	3.6	16
38	TGF- $\beta$ signaling plays a dominant role in the crosstalk between TGF- $\beta$ and the aryl hydrocarbon receptor ligand in prostate epithelial cells. <i>Cellular Signalling</i> , <b>2012</b> , 24, 1665-76	4.9	16
37	Colon Cancer and Perturbations of the Sphingolipid Metabolism. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	14
36	Aryl hydrocarbon receptor negatively regulates expression of the plakoglobin gene ( <i>jup</i> ). <i>Toxicological Sciences</i> , <b>2013</b> , 134, 258-70	4.4	13
35	Environmental Ligands of the Aryl Hydrocarbon Receptor and Their Effects in Models of Adult Liver Progenitor Cells. <i>Stem Cells International</i> , <b>2016</b> , 2016, 4326194	5	13
34	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> , <b>2015</b> , 30, 565-76	2.8	12
33	Relative effective potencies of dioxin-like compounds in rodent and human lung cell models. <i>Toxicology</i> , <b>2018</b> , 404-405, 33-41	4.4	12
32	Toxic effects of methylated benzo[a]pyrenes in rat liver stem-like cells. <i>Chemical Research in Toxicology</i> , <b>2011</b> , 24, 866-76	4	12
31	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> , <b>2009</b> , 665, 51-60	3.3	12
30	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> , <b>2014</b> , 27, 1120-32	4.2	11
29	Pure non-dioxin-like PCB congeners suppress induction of AhR-dependent endpoints in rat liver cells. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 2099-107	5.1	10
28	Modulation of endocrine nuclear receptor activities by polyaromatic compounds present in fractionated extracts of diesel exhaust particles. <i>Science of the Total Environment</i> , <b>2019</b> , 677, 626-636	10.2	10
27	Gadolinium labelled nanoliposomes as the platform for MRI theranostics: in vitro safety study in liver cells and macrophages. <i>Scientific Reports</i> , <b>2020</b> , 10, 4780	4.9	10
26	Butyrate and docosahexaenoic acid interact in alterations of specific lipid classes in differentiating colon cancer cells. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 119, 4664-4679	4.7	10
25	Polycyclic aromatic hydrocarbons and disruption of steroid signaling. <i>Current Opinion in Toxicology</i> , <b>2018</b> , 11-12, 27-34	4.4	10

24	Atropisomers of 2,2T3,3T6,6T hexachlorobiphenyl (PCB 136) exhibit stereoselective effects on activation of nuclear receptors in vitro. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 16411-16419	5.1	9
23	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> , <b>2010</b> , 29, 453-466	3.8	8
22	Diagnostic Tools for Effect-Directed Analysis of Mutagens, AhR Agonists, and Endocrine Disruptors. <i>Handbook of Environmental Chemistry</i> , <b>2011</b> , 69-82	0.8	8
21	Complex Alterations of Fatty Acid Metabolism and Phospholipidome Uncovered in Isolated Colon Cancer Epithelial Cells. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	8
20	n-3 Polyunsaturated fatty acids alter benzo[a]pyrene metabolism and genotoxicity in human colon epithelial cell models. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 124, 374-384	4.7	8
19	Dietary fatty acids specifically modulate phospholipid pattern in colon cells with distinct differentiation capacities. <i>European Journal of Nutrition</i> , <b>2017</b> , 56, 1493-1508	5.2	7
18	Bulky DNA adducts, microRNA profiles, and lipid biomarkers in Norwegian tunnel finishing workers occupationally exposed to diesel exhaust. <i>Occupational and Environmental Medicine</i> , <b>2019</b> , 76, 10-16	2.1	7
17	Size-segregated urban aerosol characterization by electron microscopy and dynamic light scattering and influence of sample preparation. <i>Atmospheric Environment</i> , <b>2018</b> , 178, 181-190	5.3	7
16	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> , <b>2020</b> , 15, e0228010	3.7	7
15	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> , <b>2019</b> , 16, 3441-3451	5.6	5
14	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> , <b>2011</b> , 52, 636-45	3.2	5
13	Environmental six-ring polycyclic aromatic hydrocarbons are potent inducers of the AhR-dependent signaling in human cells. <i>Environmental Pollution</i> , <b>2020</b> , 266, 115125	9.3	5
12	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> , <b>2015</b> , 333, 37-44	4.4	4
11	Screening of Cellular Stress Responses Induced by Ambient Aerosol Ultrafine Particle Fraction PM0.5 in A549 Cells. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	4
10	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> , <b>2019</b> , 172, 368-384	4.4	3
9	Genotoxicity of 7H-dibenzo[c,g]carbazole and its methyl derivatives in human keratinocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2012</b> , 743, 91-8	3	3
8	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> , <b>2021</b> , 151967	10.2	3
7	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> , <b>2020</b> , 1865, 158742	5.42	3

6	The Role of Metabolism in Toxicity of Polycyclic Aromatic Hydrocarbons and their Non-genotoxic Modes of Action. <i>Current Drug Metabolism</i> , <b>2021</b> , 22, 584-595	3.5	1
5	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> , <b>2021</b> , 22,	6.3	1
4	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> , <b>2021</b> , 872, 503414	3	1
3	Polychlorinated environmental toxicants affect sphingolipid metabolism during neurogenesis in vitro. <i>Toxicology</i> , <b>2021</b> , 463, 152986	4.4	0
2	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> , <b>2021</b> , 263, 128126	8.4	0
1	Environmental Estrogens <b>2012</b> , 671-684		