

# Jan Vondracek

## List of Publications by Citations

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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.

110  
papers

3,289  
citations

33  
h-index

52  
g-index

112  
ext. papers

3,648  
ext. citations

4.8  
avg, IF

4.67  
L-index

#	Paper	IF	Citations
110	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
109	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. <i>Carcinogenesis</i> , <b>2015</b> , 36 Suppl 1, S254-96	4.6	176
108	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
107	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
106	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
105	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
104	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
103	Polar compounds dominate in vitro effects of sediment extracts. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 2384-90	10.3	77
102	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
101	TCDD deregulates contact inhibition in rat liver oval cells via Ah receptor, JunD and cyclin A. <i>Oncogene</i> , <b>2008</b> , 27, 2198-207	9.2	69
100	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
99	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
98	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
97	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
96	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
95	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
94	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

93	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
92	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
91	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
90	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
89	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
88	Mechanisms of environmental chemicals that enable the cancer hallmark of evasion of growth suppression. <i>Carcinogenesis</i> , <b>2015</b> , 36 Suppl 1, S2-18	4.6	44
87	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
86	Total antioxidant capacity of serum increased in early but not late period after intestinal ischemia in rats. <i>Free Radical Biology and Medicine</i> , <b>1998</b> , 25, 9-18	7.8	42
85	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
84	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
83	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
82	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
81	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
80	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
79	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
78	In vitro and in vivo genotoxicity of oxygenated polycyclic aromatic hydrocarbons. <i>Environmental Pollution</i> , <b>2019</b> , 246, 678-687	9.3	34
77	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
76	Activation of autophagy and PPAR $\alpha$ protect colon cancer cells against apoptosis induced by interactive effects of butyrate and DHA in a cell type-dependent manner: The role of cell differentiation. <i>Journal of Nutritional Biochemistry</i> , <b>2017</b> , 39, 145-155	6.3	32

75	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
74	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
73	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
72	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
71	Effects of methylated chrysenes on AhR-dependent and -independent toxic events in rat liver epithelial cells. <i>Toxicology</i> , <b>2008</b> , 247, 93-101	4.4	30
70	Toxic effects of methylated benz[a]anthracenes in liver cells. <i>Chemical Research in Toxicology</i> , <b>2008</b> , 21, 503-12	4	29
69	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
68	Gut Microbial Catabolites of Tryptophan Are Ligands and Agonists of the Aryl Hydrocarbon Receptor: A Detailed Characterization. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	25
67	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
66	Lineage specific composition of cyclin D-CDK4/CDK6-p27 complexes reveals distinct functions of CDK4, CDK6 and individual D-type cyclins in differentiating cells of embryonic origin. <i>Cell Proliferation</i> , <b>2008</b> , 41, 875-893	7.9	25
65	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
64	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
63	beta-Naphthoflavone and 3Methoxy-4Nitroflavone 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
62	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
61	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
60	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
59	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
58	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

57	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
56	Different cell cycle modulation following treatment of human ovarian carcinoma cells with a new platinum(IV) complex vs cisplatin. <i>Investigational New Drugs</i> , <b>2007</b> , 25, 435-43	4.3	20
55	Dibenzanthracenes and benzo[a]pyrene elicit both genotoxic and nongenotoxic events in rat liver T-lymphocytes. <i>Toxicology</i> , <b>2007</b> , 232, 147-59	4.4	20
54	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
53	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
52	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
51	SUV39h- and A-type lamin-dependent telomere nuclear rearrangement. <i>Journal of Cellular Biochemistry</i> , <b>2010</b> , 109, 915-26	4.7	17
50	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
49	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
48	Dimethyl sulfoxide potentiates death receptor-mediated apoptosis in the human myeloid leukemia U937 cell line through enhancement of mitochondrial membrane depolarization. <i>Leukemia Research</i> , <b>2006</b> , 30, 81-9	2.7	15
47	Hepatocellular carcinoma: Gene expression profiling and regulation of xenobiotic-metabolizing cytochromes P450. <i>Biochemical Pharmacology</i> , <b>2020</b> , 177, 113912	6	14
46	Transforming growth factor-beta1 inhibits all-trans retinoic acid-induced apoptosis. <i>Leukemia Research</i> , <b>2006</b> , 30, 607-23	2.7	14
45	Perioperative and postoperative course of cytokines and the metabolic activity of neutrophils in human cardiac operations and heart transplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2002</b> , 124, 1122-9	1.5	14
44	Colon Cancer and Perturbations of the Sphingolipid Metabolism. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	14
43	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
42	Role of aryl hydrocarbon receptor in modulation of the expression of the hypoxia marker carbonic anhydrase IX. <i>Biochemical Journal</i> , <b>2009</b> , 419, 419-25	3.8	13
41	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
40	Inhibition of E-cadherin 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

39	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
38	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
37	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
36	Novel Anticancer Platinum(IV) Complexes with Adamantylamine: Their Efficiency and Innovative Chemotherapy Strategies Modifying Lipid Metabolism. <i>Metal-Based Drugs</i> , <b>2008</b> , 2008, 417897		12
35	Peri- and post-operative course of cytokines and the metabolic activity of neutrophils in human liver transplantation. <i>Cytokine</i> , <b>2001</b> , 16, 97-101	4	12
34	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
33	2,2,4,4,5,5-Hexachlorobiphenyl (PCB 153) induces degradation of adherens junction proteins and inhibits beta-catenin-dependent transcription in liver epithelial cells. <i>Toxicology</i> , <b>2009</b> , 260, 104-11	4.4	11
32	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
31	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
30	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
29	Non-dioxin-like polychlorinated biphenyls induce a release of arachidonic acid in liver epithelial cells: a partial role of cytosolic phospholipase A(2) and extracellular signal-regulated kinases 1/2 signalling. <i>Toxicology</i> , <b>2008</b> , 247, 55-60	4.4	10
28	MK-886 enhances tumour necrosis factor-alpha-induced differentiation and apoptosis. <i>Cancer Letters</i> , <b>2006</b> , 237, 263-71	9.9	10
27	. <i>Environmental Toxicology and Chemistry</i> , <b>2001</b> , 20, 2736	3.8	10
26	Polycyclic aromatic hydrocarbons and disruption of steroid signaling. <i>Current Opinion in Toxicology</i> , <b>2018</b> , 11-12, 27-34	4.4	10
25	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> , <b>2018</b> , 25, 16411-16419	5.1	9
24	Inhibitors of arachidonic acid metabolism potentiate tumour necrosis factor-alpha-induced apoptosis in HL-60 cells. <i>European Journal of Pharmacology</i> , <b>2001</b> , 424, 1-11	5.3	8
23	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
22	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

21	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
20	Leukocyte mobilization, chemiluminescence response, and antioxidative capacity of the blood in intestinal ischemia and reperfusion. <i>Free Radical Research</i> , <b>1997</b> , 27, 359-67	4	7
19	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
18	Obesity II: Establishing Causal Links Between Chemical Exposures and Obesity.. <i>Biochemical Pharmacology</i> , <b>2022</b> , 115015	6	6
17	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
16	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
15	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
14	Butyrate interacts with benzo[a]pyrene to alter expression and activities of xenobiotic metabolizing enzymes involved in metabolism of carcinogens within colon epithelial cell models. <i>Toxicology</i> , <b>2019</b> , 412, 1-11	4.4	4
13	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
12	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
11	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
10	. <i>Environmental Toxicology and Chemistry</i> , <b>2001</b> , 20, 1499	3.8	3
9	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	5.4	3
8	Multiple oxidative stress parameters are modulated in vitro by oxygenated polycyclic aromatic hydrocarbons identified in river sediments. <i>Advances in Experimental Medicine and Biology</i> , <b>2001</b> , 500, 225-8	3.6	3
7	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
6	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
5	Deregulation of signaling pathways controlling cell survival and proliferation in cancer cells alters induction of cytochrome P450 family 1 enzymes. <i>Toxicology</i> , <b>2021</b> , 461, 152897	4.4	1
4	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

3 Environmental Estrogens **2012**, 671-684

2 Regulation of cytochrome P450 1B1 in rat liver progenitor cells. *Toxicology Letters*, **2008**, 180, S43 4-4

1 Role of miR-653 and miR-29c in downregulation of CYP1A2 expression in hepatocellular carcinoma. *Pharmacological Reports*, **2021**, 1 3-9