Cigarette smoke condensate induces cytochromes P450 cancer cells

Toxicology Letters 165, 182-194 DOI: 10.1016/j.toxlet.2006.03.008

Citation Report

#	Article	IF	CITATIONS
1	Comparison of p53 Mutations Induced by PAHo-Quinones with Those Caused byanti-Benzo[a]pyrene Diol Epoxide in Vitro:Â Role of Reactive Oxygen and Biological Selection. Chemical Research in Toxicology, 2006, 19, 1441-1450.	3.3	59
2	Xenobiotic-Metabolizing Enzymes in Human Lung. Current Drug Metabolism, 2006, 7, 939-948.	1.2	130
3	Diversity of common alternative splicing variants of human cytochrome P450 1A1 and their association to carcinogenesis. International Journal of Oncology, 0, , .	3.3	0
4	Human aldo–keto reductases: Function, gene regulation, and single nucleotide polymorphisms. Archives of Biochemistry and Biophysics, 2007, 464, 241-250.	3.0	235
5	Transcriptional responses to complex mixtures—A review. Mutation Research - Reviews in Mutation Research, 2007, 636, 144-177.	5.5	62
6	The LeFE algorithm: embracing the complexity of gene expression in the interpretation of microarray data. Genome Biology, 2007, 8, R187.	9.6	16
7	Reversible and permanent effects of tobacco smoke exposure on airway epithelial gene expression. Genome Biology, 2007, 8, R201.	9.6	217
8	Structural basis for the high <i>all-trans</i> -retinaldehyde reductase activity of the tumor marker AKR1B10. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20764-20769.	7.1	172
9	Cigarette smoke condensate increases cathepsin-mediated invasiveness of oral carcinoma cells. Toxicology Letters, 2007, 170, 134-145.	0.8	32
10	Combinational polymorphisms of four DNA repair genes XRCC1, XRCC2, XRCC3, and XRCC4 and their association with oral cancer in Taiwan. Journal of Oral Pathology and Medicine, 2008, 37, 271-277.	2.7	107
11	Cigarette smoke condensate and dioxin suppress culture shock induced senescence in normal human oral keratinocytes. Oral Oncology, 2007, 43, 693-700.	1.5	14
12	Diesel exhaust influences carcinogenic PAH-induced genotoxicity and gene expression in human breast epithelial cells in culture. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 625, 72-82.	1.0	49
13	Effects of tobacco compounds on gene expression in fetal lung fibroblasts. Environmental Toxicology, 2008, 23, 423-434.	4.0	11
14	AKR1B10 in usual interstitial pneumonia: Expression in squamous metaplasia in association with smoking and lung cancer. Pathology Research and Practice, 2008, 204, 295-304.	2.3	30
15	Smoking-induced gene expression changes in the bronchial airway are reflected in nasal and buccal epithelium. BMC Genomics, 2008, 9, 259.	2.8	194
16	Cigarette smoking products suppress antiâ€viral effects of Type I interferon via phosphorylationâ€dependent downregulation of its receptor. FEBS Letters, 2008, 582, 3206-3210.	2.8	34
17	Transcriptional regulation of aldo-keto reductase 1C1 in HT29 human colon cancer cells resistant to methotrexate: Role in the cell cycle and apoptosis. Biochemical Pharmacology, 2008, 75, 414-426.	4.4	69
18	The Aldo-Keto Reductase Superfamily and its Role in Drug Metabolism and Detoxification. Drug Metabolism Reviews, 2008, 40, 553-624.	3.6	419

#	Article	IF	CITATIONS
20	The influence of diesel exhaust on polycyclic aromatic hydrocarbon-induced DNA damage, gene expression, and tumor initiation in Sencar mice in vivo. Cancer Letters, 2008, 265, 135-147.	7.2	46
21	The Pattern of <i>p53</i> Mutations Caused by PAH <i>o</i> -Quinones is Driven by 8-oxo-dGuo Formation while the Spectrum of Mutations is Determined by Biological Selection for Dominance. Chemical Research in Toxicology, 2008, 21, 1039-1049.	3.3	44
22	Genomics of Smoking Exposure and Cessation: Lessons for Cancer Prevention and Treatment: Fig. 1. Cancer Prevention Research, 2008, 1, 80-83.	1.5	27
23	Oxidation of PAH <i>trans</i> -Dihydrodiols by Human Aldo-Keto Reductase AKR1B10. Chemical Research in Toxicology, 2008, 21, 2207-2215.	3.3	73
24	Evolving 'omics' technologies for diagnostics of head and neck cancer. Briefings in Functional Genomics & Proteomics, 2008, 8, 49-59.	3.8	24
25	Bladder cancer risk and genetic variation in AKR1C3 and other metabolizing genes. Carcinogenesis, 2008, 29, 1955-1962.	2.8	88
26	Aldo-keto Reductase Family 1 Member B10 Promotes Cell Survival by Regulating Lipid Synthesis and Eliminating Carbonyls. Journal of Biological Chemistry, 2009, 284, 26742-26748.	3.4	139
27	Local false discovery rate facilitates comparison of different microarray experiments. Nucleic Acids Research, 2009, 37, 7483-7497.	14.5	11
28	Aryl Hydrocarbon Receptor Expression Is Associated with a Family History of Upper Gastrointestinal Tract Cancer in a High-Risk Population Exposed to Aromatic Hydrocarbons. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 2391-2396.	2.5	17
29	Differential induction of CYP1A1 and CYP1B1 by benzo[a]pyrene in oral squamous cell carcinoma cell lines and by tobacco smoking in oral mucosa. Oral Oncology, 2009, 45, 980-985.	1.5	32
30	The association between hypoxia inducible factor- $1\hat{l}_{\pm}$ gene polymorphisms and increased susceptibility to oral cancer. Oral Oncology, 2009, 45, e222-e226.	1.5	51
31	Aldo-keto reductases from the AKR1B subfamily: Retinoid specificity and control of cellular retinoic acid levels. Chemico-Biological Interactions, 2009, 178, 171-177.	4.0	70
32	Contribution of genetic polymorphisms of stromal cell–derived factorâ€1 and its receptor, CXCR4, to the susceptibility and clinicopathologic development of oral cancer. Head and Neck, 2009, 31, 1282-1288.	2.0	52
33	Glutathione Sâ€transferase P1 and alpha gene variants; role in susceptibility and tumor size development of oral cancer. Head and Neck, 2010, 32, 1079-1087.	2.0	28
34	AKR1B10: A potential target for cancer therapy. Bioscience Hypotheses, 2009, 2, 31-33.	0.2	6
35	Effect of tobacco compounds on gene expression profiles in human epithelial cells. Environmental Toxicology and Pharmacology, 2009, 27, 111-119.	4.0	4
36	Evaluation of <i>In vitro</i> Assays for Assessing the Toxicity of Cigarette Smoke and Smokeless Tobacco. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 3263-3304.	2.5	151
37	Characterization of a Whole Smoke In Vitro Exposure System (Burghart Mimic Smoker-01). Inhalation Toxicology, 2009, 21, 234-243.	1.6	38

#	Article	IF	CITATIONS
38	Smoking-Induced Upregulation of AKR1B10 Expression in the Airway Epithelium of Healthy Individuals. Chest, 2010, 138, 1402-1410.	0.8	51
39	Effect of CC chemokine ligand 5 and CC chemokine receptor 5 genes polymorphisms on the risk and clinicopathological development of oral cancer. Oral Oncology, 2010, 46, 767-772.	1.5	34
40	Quantitation of mercapturic acid conjugates of 4-hydroxy-2-nonenal and 4-oxo-2-nonenal metabolites in a smoking cessation study. Free Radical Biology and Medicine, 2010, 48, 65-72.	2.9	27
41	Downregulation of AKR1B10 expression in colorectal cancer. Molecular Biology, 2010, 44, 216-222.	1.3	23
42	Aldo-Keto Reductases*. , 2010, , 149-167.		2
43	Benzo[a]pyrene diol epoxide stimulates an inflammatory response in normal human lung fibroblasts through a p53 and JNK mediated pathway. Carcinogenesis, 2010, 31, 1149-1157.	2.8	43
44	Comparison between two kinds of cigarette smoke condensates (CSCs) of the cytogenotoxicity and protein expression in a human B-cell lymphoblastoid cell line using CCK-8 assay, comet assay and protein microarray. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 697, 55-59.	1.7	42
45	Concentration dependent effects of tobacco particulates from different types of cigarettes on expression of drug metabolizing proteins, and benzo(a)pyrene metabolism in primary normal human oral epithelial cells. Food and Chemical Toxicology, 2011, 49, 2348-2355.	3.6	10
46	Different AhR binding sites of diterpenoid ligands from Andrographis paniculata caused differential CYP1A1 induction in primary culture in mouse hepatocytes. Toxicology in Vitro, 2011, 25, 1757-1763.	2.4	6
47	Suppression of beta-naphthoflavone induced CYP1A expression and lipid-peroxidation by berberine. Fìtoterapìâ, 2011, 82, 889-895.	2.2	15
48	Vitamin C supplementation lowers urinary levels of 4-hydroperoxy-2-nonenal metabolites in humans. Free Radical Biology and Medicine, 2011, 50, 848-853.	2.9	27
49	Functional expression of novel human and murine AKR1B genes. Chemico-Biological Interactions, 2011, 191, 177-184.	4.0	24
50	Impact of uPA System Gene Polymorphisms on the Susceptibility of Environmental Factors to Carcinogenesis and the Development of Clinicopathology of Oral Cancer. Annals of Surgical Oncology, 2011, 18, 805-812.	1.5	24
52	AKR1B10 is Associated with Smoking and Smoking-Related Non-Small-Cell Lung Cancer. Journal of International Medical Research, 2011, 39, 78-85.	1.0	30
53	<i>Survivin</i> SNP-carcinogen Interactions in Oral Cancer. Journal of Dental Research, 2012, 91, 358-363.	5.2	30
54	Cigarette smoke condensate induces aryl hydrocarbon receptor-dependent changes in gene expression in spermatocytes. Reproductive Toxicology, 2012, 34, 665-676.	2.9	35
55	Cathepsin B SNPs elevate the pathological development of oral cancer and raise the susceptibility to carcinogen-mediated oral cancer. Human Genetics, 2012, 131, 1861-1868.	3.8	14
56	Single Nucleotide Polymorphisms and Haplotypes of MMP-14 are Associated with the Risk and Pathological Development of Oral Cancer. Annals of Surgical Oncology, 2012, 19, 319-327.	1.5	17

#	Article	IF	CITATIONS
57	Smoking Induces Epithelial-to-Mesenchymal Transition in Non–Small Cell Lung Cancer through HDAC-Mediated Downregulation of E-Cadherin. Molecular Cancer Therapeutics, 2012, 11, 2362-2372.	4.1	85
58	Effects of NFKB1 and NFKBIA Gene Polymorphisms on Susceptibility to Environmental Factors and the Clinicopathologic Development of Oral Cancer. PLoS ONE, 2012, 7, e35078.	2.5	54
59	Impacts of CA9 Gene Polymorphisms and Environmental Factors on Oral-Cancer Susceptibility and Clinicopathologic Characteristics in Taiwan. PLoS ONE, 2012, 7, e51051.	2.5	27
60	Aldo–Keto Reductase 1B10 and Its Role in Proliferation Capacity of Drug-Resistant Cancers. Frontiers in Pharmacology, 2012, 3, 5.	3.5	78
61	Effects of E adherin (<i>CDH1</i>) gene promoter polymorphisms on the risk and clinicopathologic development of oral cancer. Head and Neck, 2012, 34, 405-411.	2.0	17
62	Interleukinâ€23 receptor polymorphism as a risk factor for oral cancer susceptibility. Head and Neck, 2012, 34, 551-556.	2.0	23
63	Impact of <i>interleukinâ€8</i> gene polymorphisms and environmental factors on oral cancer susceptibility in Taiwan. Oral Diseases, 2012, 18, 307-314.	3.0	21
64	9,10-Phenanthrenequinone promotes secretion of pulmonary aldo-keto reductases with surfactant. Cell and Tissue Research, 2012, 347, 407-417.	2.9	14
65	Molecular Mechanisms of Tumor Cell Resistance to Chemotherapy. Resistance To Targeted Anti-cancer Therapeutics, 2013, , .	0.1	8
66	A global toxicogenomic analysis investigating the mechanistic differences between tobacco and marijuana smoke condensates in vitro. Toxicology, 2013, 308, 60-73.	4.2	32
67	Quantitative Evaluation of Aldo–keto Reductase Expression in Hepatocellular Carcinoma (HCC) Cell Lines. Genomics, Proteomics and Bioinformatics, 2013, 11, 230-240.	6.9	11
68	Finding Genes Discriminating Smokers from Non-smokers by Applying a Growing Self-organizing Clustering Method to Large Airway Epithelium Cell Microarray Data. Asian Pacific Journal of Cancer Prevention, 2013, 14, 111-116.	1.2	12
69	Differential cell-specific cytotoxic responses of oral cavity cells to tobacco preparations. Toxicology in Vitro, 2013, 27, 282-291.	2.4	15
70	AKRs expression in peripheral blood lymphocytes from smokers. Human and Experimental Toxicology, 2013, 32, 418-426.	2.2	2
71	Polymorphisms in the Human Cytochrome P450 and ArylamineN-Acetyltransferase: Susceptibility to Head and Neck Cancers. BioMed Research International, 2013, 2013, 1-20.	1.9	29
72	Impact of VEGF-C Gene Polymorphisms and Environmental Factors on Oral Cancer Susceptibility in Taiwan. PLoS ONE, 2013, 8, e60283.	2.5	18
73	Combined Effects of ICAM-1 Single-Nucleotide Polymorphisms and Environmental Carcinogens on Oral Cancer Susceptibility and Clinicopathologic Development. PLoS ONE, 2013, 8, e72940.	2.5	24
74	Modulation of Cell Cycle Progression in the Spermatocyte Cell Line [GC-2spd(ts) Cell-Line] by Cigarette Smoke Condensate (CSC) via Arylhydrocarbon Receptor-Nuclear Factor Erythroid 2-Related	2.7	12

#	Article	IF	CITATIONS
75	Effect of cigarette smoke condensate on gene promoter methylation in human lung cells. Tobacco Induced Diseases, 2014, 12, 15.	0.6	19
76	Novel Mechanistic Insights into Ectodomain Shedding of EGFR Ligands Amphiregulin and TGF-α: Impact on Gastrointestinal Cancers Driven by Secondary Bile Acids. Cancer Research, 2014, 74, 2062-2072.	0.9	80
77	Combusted but not smokeless tobacco products cause DNA damage in oral cavity cells. Environmental Toxicology and Pharmacology, 2014, 37, 1079-1089.	4.0	12
78	Untargeted Metabolomic Profiling in Saliva of Smokers and Nonsmokers by a Validated GC-TOF-MS Method. Journal of Proteome Research, 2014, 13, 1602-1613.	3.7	35
79	Human Aldo-Keto Reductases and the Metabolic Activation of Polycyclic Aromatic Hydrocarbons. Chemical Research in Toxicology, 2014, 27, 1901-1917.	3.3	85
80	Transcriptomic Responses of Cancerous and Noncancerous Human Colon Cells to Sulforaphane and Selenium. Chemical Research in Toxicology, 2014, 27, 377-386.	3.3	10
81	Regulation of gene expression by tobacco product preparations in cultured human dermal fibroblasts. Toxicology and Applied Pharmacology, 2014, 279, 211-219.	2.8	9
82	Association of CYP1A1 and CYP2D6 gene polymorphisms with head and neck cancer in Tunisian patients. Molecular Biology Reports, 2014, 41, 2591-2600.	2.3	13
83	Cigarette smoke-induced cell death of a spermatocyte cell line can be prevented by inactivating the Aryl hydrocarbon receptor. Cell Death Discovery, 2015, 1, 15050.	4.7	6
84	Cigarette smoke condensate and individual constituents modulate DNA methyltransferase expression in human liver cells. SAGE Open Medicine, 2015, 3, 205031211557831.	1.8	4
85	Cigarette smoke-induced cell cycle arrest in spermatocytes [GC-2spd(ts)] is mediated through crosstalk between Ahr–Nrf2 pathway and MAPK signaling. Journal of Molecular Cell Biology, 2015, 7, 73-87.	3.3	17
86	In Vitro Mammalian Mutagenicity of Complex Polycyclic Aromatic Hydrocarbon Mixtures in Contaminated Soils. Environmental Science & Technology, 2015, 49, 1787-1796.	10.0	26
87	Association of matrix metalloproteinaseâ€11 polymorphisms with susceptibility and clinicopathologic characteristics for oral squamous cell carcinoma. Head and Neck, 2015, 37, 1425-1431.	2.0	21
88	Gene expression profiling of cytochromes P450, ABC transporters and their principal transcription factors in the amygdala and prefrontal cortex of alcoholics, smokers and drug-free controls by qRT-PCR. Xenobiotica, 2015, 45, 1129-1137.	1.1	13
89	Molecular biomarkers to assess health risks due to environmental contaminants exposure. Biomedica, 2016, 36, 309.	0.7	11
90	Alteration of human hepatic drug transporter activity and expression by cigarette smoke condensate. Toxicology, 2016, 363-364, 58-71.	4.2	22
91	Paternal smoking and germ cell death: A mechanistic link to the effects of cigarette smoke on spermatogenesis and possible long-term sequelae in offspring. Molecular and Cellular Endocrinology, 2016, 435, 85-93.	3.2	25
92	Association of Genetic Polymorphism in the Interleukin-8 Gene with Risk of Oral Cancer and Its Correlation with Pain. Biochemical Genetics, 2016, 54, 95-106.	1.7	15

#	Article	IF	CITATIONS
93	Expression of AKR1B10 as an independent marker for poor prognosis in human oral squamous cell carcinoma. Head and Neck, 2017, 39, 1327-1332.	2.0	18
94	Stereospecific Metabolism ofR- andS-Warfarin by Human Hepatic Cytosolic Reductases. Drug Metabolism and Disposition, 2017, 45, 1000-1007.	3.3	12
95	Inhibition of organic anion transporter (OAT) activity by cigarette smoke condensate. Toxicology in Vitro, 2017, 44, 27-35.	2.4	8
96	Aldo-Keto Reductase Regulation by the Nrf2 System: Implications for Stress Response, Chemotherapy Drug Resistance, and Carcinogenesis. Chemical Research in Toxicology, 2017, 30, 162-176.	3.3	59
97	Molecular Impact of Electronic Cigarette Aerosol Exposure in Human Bronchial Epithelium. Toxicological Sciences, 2017, 155, 248-257.	3.1	56
98	The Contribution of Matrix Metalloproteinase-8 Promoter Polymorphism to Oral Cancer Susceptibility. In Vivo, 2017, 31, 585-590.	1.3	19
99	AKR1C1 as a Biomarker for Differentiating the Biological Effects of Combustible from Non-Combustible Tobacco Products. Genes, 2017, 8, 132.	2.4	15
100	Impact of CCL4 gene polymorphisms and environmental factors on oral cancer development and clinical characteristics. Oncotarget, 2017, 8, 31424-31434.	1.8	27
101	Revisiting Polyarenes and Related Molecules: An Update of Synthetic Approaches and Structureâ€Activityâ€Mechanistic Correlation for Carcinogenesis. Chemical Record, 2018, 18, 619-658.	5.8	3
102	Aldoâ€keto reductasesâ€mediated cytotoxicity of 2â€deoxyglucose: A novel anticancer mechanism. Cancer Science, 2018, 109, 1970-1980.	3.9	13
103	Role of Human Aldo-Keto Reductases in the Metabolic Activation of the Carcinogenic Air Pollutant 3-Nitrobenzanthrone. Chemical Research in Toxicology, 2018, 31, 1277-1288.	3.3	8
104	Tobacco Exposure Enhances Human Papillomavirus 16 Oncogene Expression via EGFR/PI3K/Akt/c-Jun Signaling Pathway in Cervical Cancer Cells. Frontiers in Microbiology, 2018, 9, 3022.	3.5	31
105	The promise of stem cell markers in the diagnosis and therapy of epithelial dysplasia and oral squamous cell carcinoma. Journal of Cellular Physiology, 2018, 233, 8499-8507.	4.1	13
106	xCT (SLC7A11)-mediated metabolic reprogramming promotes non-small cell lung cancer progression. Oncogene, 2018, 37, 5007-5019.	5.9	215
107	The Aldo-Keto Reductase Superfamily. , 2018, , 164-189.		2
108	Carcinogenic Polycyclic Aromatic Hydrocarbons. , 2018, , 87-153.		6
109	Integrative epigenomic analysis in differentiated human primary bronchial epithelial cells exposed to cigarette smoke. Scientific Reports, 2018, 8, 12750.	3.3	11
110	Interaction of cigarette smoke condensate and some of its components with chlorpromazine toxicity on <i>Saccharomyces cerevisiae</i> . Drug and Chemical Toxicology, 2022, 45, 77-87.	2.3	5

#	Article	IF	CITATIONS
111	Proteomic Analysis of Vocal Fold Fibroblasts Exposed to Cigarette Smoke Extract: Exploring the Pathophysiology of Reinke's Edema*. Molecular and Cellular Proteomics, 2019, 18, 1511-1525.	3.8	20
112	<p>Avasimibe inhibits tumor growth by targeting FoxM1-AKR1C1 in osteosarcoma</p> . OncoTargets and Therapy, 2019, Volume 12, 815-823.	2.0	13
113	Identification of gene and microRNA changes in response to smoking in human airway epithelium by bioinformatics analyses. Medicine (United States), 2019, 98, e17267.	1.0	13
114	The Role of AKR1B10 in Physiology and Pathophysiology. Metabolites, 2021, 11, 332.	2.9	35
115	Aldo-Keto Reductases as New Therapeutic Targets for Colon Cancer Chemoresistance. Resistance To Targeted Anti-cancer Therapeutics, 2013, , 109-133.	0.1	9
116	Expression Profiling of CYP1B1 in Oral Squamous Cell Carcinoma: Counterintuitive Downregulation in Tumors. PLoS ONE, 2011, 6, e27914.	2.5	15
117	Functional genetic variant in the Kozak sequence of WW domain-containing oxidoreductase (WWOX) gene is associated with oral cancer risk. Oncotarget, 2016, 7, 69384-69396.	1.8	26
118	The roles of AKR1C1 and AKR1C2 in ethyl-3,4-dihydroxybenzoate induced esophageal squamous cell carcinoma cell death. Oncotarget, 2016, 7, 21542-21555.	1.8	16
119	Aldo-Keto Reductase Family 1 Member B1 Inhibitors: Old Drugs with New Perspectives. Recent Patents on Anti-Cancer Drug Discovery, 2009, 4, 246-253.	1.6	37
120	Antioxidant and Aldo-keto Reductase Family 1 B10 Inhibition Activities of Korean Local Plant Extracts. Journal of Applied Biological Chemistry, 2009, 52, 216-220.	0.4	3
121	Influence of the CYP1A1 T3801C Polymorphism on Tobacco and Alcohol-Associated Head and Neck Cancer Susceptibility in Northeast India. Asian Pacific Journal of Cancer Prevention, 2015, 16, 6953-6961.	1.2	6
122	Evaluation of CYP1B1 Expression, Oxidative Stress and Phase 2 Detoxification Enzyme Status in Oral Squamous Cell Carcinoma Patients. Journal of Clinical and Diagnostic Research JCDR, 2017, 11, BC01-BC05.	0.8	4
123	Effects of EZH2 promoter polymorphisms and methylation status on oral squamous cell carcinoma susceptibility and pathology. American Journal of Cancer Research, 2015, 5, 3475-84.	1.4	7
124	Overview of human 20 alpha-hydroxysteroid dehydrogenase (AKR1C1): Functions, regulation, and structural insights of inhibitors. Chemico-Biological Interactions, 2022, 351, 109746.	4.0	5
130	Impact of tobacco smoking on oral cancer genetics—A nextâ€generation sequencing perspective. , 2022, 1, .		0
131	Longitudinal Effects of 1-Year Smoking Cessation on Human Bronchial Epithelial Transcriptome. Chest, 2023, , .	0.8	0
133	The Aldo-Keto Reductase Superfamily. , 2024, , .		0
134	Gender Difference in DNA Damage Induced by the Environmental Carcinogen Dibenzo[<i>def,p</i>]chrysene Individually and in Combination with Mouse Papillomavirus Infection in the Mouse Oral Cavity. ACS Omega, 0, , .	3.5	0