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Role of mitogen-activated protein kinases in aryl hydrocarbon receptor signaling

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#	Paper	IF	Citations
58	Reaction of imidazole series aldehydes with bis[2-(2-pyridyl)ethyl]-phosphine chalcogenides: Synthesis of polyfunctional heterocyclic systems. <i>Chemistry of Heterocyclic Compounds</i> , 2008 , 44, 1359-1364	1.4	6
57	Reply to Dvorak and Pavek, Letter to the Editor, regarding "The role of redox-sensitive transcription factors NF- κ B and AP-1 in the modulation of Cyp1a1 gene by mercury, lead, and copper" <i>Free Radical Biology and Medicine</i> , 2008 , 45, 940	7.8	
56	Comment on "The role of redox-sensitive transcription factors NF- κ B and AP-1 in the modulation of the Cyp1A1 gene by mercury, lead, and copper". <i>Free Radical Biology and Medicine</i> , 2008 , 45, 939; author reply 940	7.8	1
55	Activation of the aryl hydrocarbon receptor by the calcium/calmodulin-dependent protein kinase kinase inhibitor 7-oxo-7H-benzimidazo[2,1-a]benz[de]isoquinoline-3-carboxylic acid (STO-609). <i>Drug Metabolism and Disposition</i> , 2008 , 36, 2556-63	4	22
54	Activation of MAPKs influences the expression of drug-metabolizing enzymes in primary human hepatocytes. <i>General Physiology and Biophysics</i> , 2009 , 28, 316-320	2.1	6
53	The aryl hydrocarbon receptor cross-talks with multiple signal transduction pathways. <i>Biochemical Pharmacology</i> , 2009 , 77, 713-22	6	329
52	Ah receptor-independent inhibition of gap junction intercellular communications in hepatoma 27 cell culture by polycyclic aromatic hydrocarbons. <i>Cell and Tissue Biology</i> , 2009 , 3, 243-248	0.4	
51	The aryl hydrocarbon receptor at the crossroads of multiple signaling pathways. <i>Exs</i> , 2009 , 99, 231-57		27
50	Cytochrome P450 CYP1A1: wider roles in cancer progression and prevention. <i>BMC Cancer</i> , 2009 , 9, 187	4.8	259
49	Regulation of cytochrome P450 expression by Ras- and beta-catenin-dependent signaling. <i>Current Drug Metabolism</i> , 2009 , 10, 138-58	3.5	28
48	Transcriptional and posttranscriptional regulation of CYP1A1 by vanadium in human hepatoma HepG2 cells. <i>Cell Biology and Toxicology</i> , 2010 , 26, 421-34	7.4	14
47	Dose-related gene expression changes in forebrain following acute, low-level chlorpyrifos exposure in neonatal rats. <i>Toxicology and Applied Pharmacology</i> , 2010 , 248, 144-55	4.6	29
46	Resveratrol enhances NK cell cytotoxicity: possible role for aryl hydrocarbon receptor. <i>Journal of Cellular Physiology</i> , 2010 , 225, 289-90	7	5
45	PAS Proteins: Comparative Biology and Proteasomal Degradation. 2010 , 117-144		
44	ARNT: A Key bHLH/PAS Regulatory Protein Across Multiple Pathways. 2010 , 231-252		2
43	The p38 MAPK inhibitor SB203580 induces cytochrome P450 1A1 gene expression in murine and human hepatoma cell lines through ligand-dependent aryl hydrocarbon receptor activation. <i>Chemical Research in Toxicology</i> , 2011 , 24, 1540-8	4	20
42	Role of retinoids, rexinoids and thyroid hormone in the expression of cytochrome p450 enzymes. <i>Current Drug Metabolism</i> , 2011 , 12, 71-88	3.5	43

41	Interactions of the aryl hydrocarbon receptor with inflammatory mediators: beyond CYP1A regulation. <i>Current Drug Metabolism</i> , 2011 , 12, 89-103	3.5	51
40	Endogenous and exogenous ligands of aryl hydrocarbon receptor: current state of art. <i>Current Drug Metabolism</i> , 2011 , 12, 198-212	3.5	152
39	Steroid regulation of drug-metabolizing cytochromes P450. <i>Current Drug Metabolism</i> , 2011 , 12, 154-72	3.5	61
38	Exactly the same but different: promiscuity and diversity in the molecular mechanisms of action of the aryl hydrocarbon (dioxin) receptor. <i>Toxicological Sciences</i> , 2011 , 124, 1-22	4.4	505
37	Transcriptional Regulation of Human Drug-Metabolizing Cytochrome P450 Enzymes. 2012 , 223-258		
36	Synergism of Green Tea Polyphenols and Phenanthrene Promotes the Death of Human Lung Adenocarcinoma Cell Line SPC-A-1. <i>Polycyclic Aromatic Compounds</i> , 2013 , 33, 254-264	1.3	1
35	Development of cardiac hypertrophy by sunitinib in vivo and in vitro rat cardiomyocytes is influenced by the aryl hydrocarbon receptor signaling pathway. <i>Archives of Toxicology</i> , 2014 , 88, 725-38	5.8	39
34	3-methylcholanthrene induces neurotoxicity in developing neurons derived from human CD34+Thy1+ stem cells by activation of aryl hydrocarbon receptor. <i>NeuroMolecular Medicine</i> , 2013 , 15, 570-92	4.6	14
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32	Sunitinib, a tyrosine kinase inhibitor, induces cytochrome P450 1A1 gene in human breast cancer MCF7 cells through ligand-independent aryl hydrocarbon receptor activation. <i>Archives of Toxicology</i> , 2013 , 87, 847-56	5.8	25
31	A genomics-based analysis of relative potencies of dioxin-like compounds in primary rat hepatocytes. <i>Toxicological Sciences</i> , 2013 , 136, 595-604	4.4	9
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23	α-naphthoflavone interferes with cyp1c1, cox2 and IL-8 gene transcription and leukotriene B4 secretion in Atlantic cod (<i>Gadus morhua</i>) head kidney cells during inflammation. <i>Fish and Shellfish Immunology</i> , 2016 , 54, 128-34	4.3	7
22	Biological impact of environmental polycyclic aromatic hydrocarbons (ePAHs) as endocrine disruptors. <i>Environmental Pollution</i> , 2016 , 213, 809-824	9.3	150
21	Paternal smoking and germ cell death: A mechanistic link to the effects of cigarette smoke on spermatogenesis and possible long-term sequelae in offspring. <i>Molecular and Cellular Endocrinology</i> , 2016 , 435, 85-93	4.4	20
20	4-Nitrophenol exposure alters the AhR signaling pathway and related gene expression in the rat liver. <i>Journal of Applied Toxicology</i> , 2017 , 37, 150-158	4.1	4
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18	Phytotherapeutic approach: a new hope for polycyclic aromatic hydrocarbons induced cellular disorders, autophagic and apoptotic cell death. <i>Toxicology Mechanisms and Methods</i> , 2017 , 27, 1-17	3.6	19
17	PAS Proteins: Comparative Biology and Proteasomal Degradation. 2018 , 76-100		
16	Mechanisms of tissue factor induction by the uremic toxin indole-3 acetic acid through aryl hydrocarbon receptor/nuclear factor-kappa B signaling pathway in human endothelial cells. <i>Archives of Toxicology</i> , 2019 , 93, 121-136	5.8	26
15	Alpha-naphthoflavone induces apoptosis through endoplasmic reticulum stress via c-Src-, ROS-, MAPKs-, and arylhydrocarbon receptor-dependent pathways in HT22 hippocampal neuronal cells. <i>NeuroToxicology</i> , 2019 , 71, 39-51	4.4	5
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13	Roles of aryl hydrocarbon receptor in endothelial angiogenic responses. <i>Biology of Reproduction</i> , 2020 , 103, 927-937	3.9	6
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11	Environmental pollutants modulate RNA and DNA virus-activated miRNA-155 expression and innate immune system responses: Insights into new immunomodulative mechanisms. <i>Journal of Immunotoxicology</i> , 2020 , 17, 86-93	3.1	11
10	Association of prenatal exposure to PAHs with anti-Müllerian hormone (AMH) levels and birth outcomes of newborns. <i>Science of the Total Environment</i> , 2020 , 723, 138009	10.2	17
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