Anwar Anwar-Mohamed

List of Publications by Year
in descending order

39 papers	1,153 citations	279798 23 h-index	395702 33 g-index
40 all docs	40 docs citations	40 times ranked	1738 citing authors

#	Article	IF	Citations
1	Ketoconazole Stereoisomers Differentially Induce Cytochrome P450 1A1 Between Human Hepatoma HepG2 and Mouse Hepatoma Hepa1c1c7 Cells. Journal of Pharmaceutical Sciences, 2016, 105, 1318-1326.	3.3	1
2	Oxidative Stress Attenuates Lipid Synthesis and Increases Mitochondrial Fatty Acid Oxidation in Hepatoma Cells Infected with Hepatitis C Virus. Journal of Biological Chemistry, 2016, 291, 1974-1990.	3.4	57
3	Vinyl Chloride Metabolites Potentiate Inflammatory Liver Injury Caused by LPS in Mice. Toxicological Sciences, 2016, 151, 312-323.	3.1	38
4	A Refined Model of the HCV NS5A Protein Bound to Daclatasvir Explains Drug-Resistant Mutations and Activity against Divergent Genotypes. Journal of Chemical Information and Modeling, 2015, 55, 362-373.	5.4	39
5	Acute arsenic treatment alters arachidonic acid and its associated metabolite levels in the brain of C57Bl/6 mice. Canadian Journal of Physiology and Pharmacology, 2014, 92, 693-702.	1.4	21
6	Acute and long-term effects of arsenite in HepG2 cells: modulation of insulin signaling. BioMetals, 2014, 27, 317-332.	4.1	29
7	Methylated pentavalent arsenic metabolites are bifunctional inducers, as they induce cytochrome P450 1A1 and NAD(P)H:quinone oxidoreductase through AhR- and Nrf2-dependent mechanisms. Free Radical Biology and Medicine, 2014, 67, 171-187.	2.9	30
8	A human ether-Ã¡-go-go-related (hERG) ion channel atomistic model generated by long supercomputer molecular dynamics simulations and its use in predicting drug cardiotoxicity. Toxicology Letters, 2014, 230, 382-392.	0.8	47
9	Modulation of aryl hydrocarbon receptorâ€regulated genes by acute administration of ammonium metavanadate in kidney, lung and heart of C57BL/6 mice. Journal of Applied Toxicology, 2013, 33, 1230-1240.	2.8	1
10	Modulation of cytochrome P450 1 (Cyp1) by vanadium in hepatic tissue and isolated hepatocyte of C57BL/6 mice. Archives of Toxicology, 2013, 87, 1531-1543.	4.2	7
11	Mercury modulates the cytochrome P450 1a1, 1a2 and 1b1 in C57BL/6J mice: in vivo and in vitro studies. Toxicology and Applied Pharmacology, 2013, 266, 419-429.	2.8	9
12	Differential modulation of cytochrome P450 1a1 by arsenite in vivo and in vitro in C57BL/6 mice. Free Radical Biology and Medicine, 2013, 58, 52-63.	2.9	12
13	Murine atrial HL-1 cell line is a reliable model to study drug metabolizing enzymes in the heart. Vascular Pharmacology, 2013, 58, 326-333.	2.1	18
14	Determination of the Dominant Arachidonic Acid Cytochrome P450 Monooxygenases in Rat Heart, Lung, Kidney, and Liver: Protein Expression and Metabolite Kinetics. AAPS Journal, 2013, 15, 112-122.	4.4	39
15	Posttranslational mechanisms modulating the expression of the cytochrome P450 1A1 gene by methylmercury in HepG2 cells: A role of heme oxygenase-1. Toxicology Letters, 2013, 219, 239-247.	0.8	9
16	Acute arsenic treatment alters cytochrome P450 expression and arachidonic acid metabolism in lung, liver and kidney of C57Bl/6 mice. Xenobiotica, 2013, 43, 719-729.	1.1	16
17	The Tumor Suppressor Gene, RASSF1A, Is Essential for Protection against Inflammation -Induced Injury. PLoS ONE, 2013, 8, e75483.	2.5	39
18	20-Hydroxyeicosatetraenoic Acid is a Potential Therapeutic Target in Cardiovascular Diseases. Current Drug Metabolism, 2013, 14, 706-719.	1.2	31

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19	Acute arsenic toxicity alters cytochrome P450 and soluble epoxide hydrolase and their associated arachidonic acid metabolism in C57Bl/6 mouse heart. Xenobiotica, 2012, 42, 1235-1247.	1.1	26
20	Inhibition of Heme Oxygenase-1 Partially Reverses the Arsenite-Mediated Decrease of CYP1A1, CYP1A2, CYP3A23, and CYP3A2 Catalytic Activity in Isolated Rat Hepatocytes. Drug Metabolism and Disposition, 2012, 40, 504-514.	3.3	19
21	Effect of mercury on aryl hydrocarbon receptor-regulated genes in the extrahepatic tissues of C57BL/6 mice. Food and Chemical Toxicology, 2012, 50, 2325-2334.	3.6	10
22	Differential modulation of aryl hydrocarbon receptor regulated enzymes by arsenite in the kidney, lung, and heart of C57BL/6 mice. Archives of Toxicology, 2012, 86, 897-910.	4.2	31
23	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. Chemical Research in Toxicology, 2011, 24, 1540-1548.	3.3	27
24	Acute Doxorubicin Toxicity Differentially Alters Cytochrome P450 Expression and Arachidonic Acid Metabolism in Rat Kidney and Liver. Drug Metabolism and Disposition, 2011, 39, 1440-1450.	3.3	71
25	Detection of a functional xenobiotic response element in a widely employed FoxO-responsive reporter construct. Archives of Biochemistry and Biophysics, 2011, 516, 138-145.	3.0	11
26	The effect of Nrf2 knockout on the constitutive expression of drug metabolizing enzymes and transporters in C57Bl/6 mice livers. Toxicology in Vitro, 2011, 25, 785-795.	2.4	51
27	Transcriptional and posttranscriptional regulation of CYP1A1 by vanadium in human hepatoma HepG2 cells. Cell Biology and Toxicology, 2010, 26, 421-434.	5.3	15
28	Acute doxorubicin cardiotoxicity alters cardiac cytochrome P450 expression and arachidonic acid metabolism in rats. Toxicology and Applied Pharmacology, 2010, 242, 38-46.	2.8	95
29	Arsenite down-regulates cytochrome P450 1A1 at the transcriptional and posttranslational levels in human HepG2 cells. Free Radical Biology and Medicine, 2010, 48, 1399-1409.	2.9	25
30	Alteration of cardiac cytochrome P450-mediated arachidonic acid metabolism in response to lipopolysaccharide-induced acute systemic inflammation. Pharmacological Research, 2010, 61, 410-418.	7.1	46
31	Secondary cytotoxicity mediated by alveolar macrophages: A contribution to the total efficacy of nanoparticles in lung cancer therapy?. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 76, 112-119.	4.3	37
32	Modulation of NAD(P)H:quinone oxidoreductase by vanadium in human hepatoma HepG2 cells. Toxicology in Vitro, 2010, 24, 1554-1561.	2.4	16
33	Mercury modulates the CYP1A1 at transcriptional and posttranslational levels in human hepatoma HepG2 cells. Toxicology Letters, 2010, 199, 225-233.	0.8	25
34	Regulation of CYP1A1 by heavy metals and consequences for drug metabolism. Expert Opinion on Drug Metabolism and Toxicology, 2009, 5, 501-521.	3.3	71
35	Down-regulation of the detoxifying enzyme NAD(P)H:quinone oxidoreductase 1 by vanadium in Hepa 1c1c7 cells. Toxicology and Applied Pharmacology, 2009, 236, 261-269.	2.8	17
36	Sulforaphane induces CYP1A1 mRNA, protein, and catalytic activity levels via an AhR-dependent pathway in murine hepatoma Hepa 1c1c7 and human HepG2 cells. Cancer Letters, 2009, 275, 93-101.	7.2	51

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37	MG-132 inhibits the TCDD-mediated induction of Cyp1a1 at the catalytic activity but not the mRNA or protein levels in Hepa 1c1c7 cells. Toxicology Letters, 2008, 182, 121-126.	0.8	11
38	Down-Regulation of the Carcinogen-Metabolizing Enzyme Cytochrome P450 1a1 by Vanadium. Drug Metabolism and Disposition, 2008, 36, 1819-1827.	3.3	25
39	Induction of cytochrome P450 1a1 by the food flavoring agent, maltol. Toxicology in Vitro, 2007, 21, 685-690.	2.4	30