

Anwar Anwar-Mohamed

List of Publications by Year in descending order

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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	Acute doxorubicin cardiotoxicity alters cardiac cytochrome P450 expression and arachidonic acid metabolism in rats. <i>Toxicology and Applied Pharmacology</i> , 2010, 242, 38-46.	2.8	95
2	Regulation of CYP1A1 by heavy metals and consequences for drug metabolism. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2009, 5, 501-521.	3.3	71
3	Acute Doxorubicin Toxicity Differentially Alters Cytochrome P450 Expression and Arachidonic Acid Metabolism in Rat Kidney and Liver. <i>Drug Metabolism and Disposition</i> , 2011, 39, 1440-1450.	3.3	71
4	Oxidative Stress Attenuates Lipid Synthesis and Increases Mitochondrial Fatty Acid Oxidation in Hepatoma Cells Infected with Hepatitis C Virus. <i>Journal of Biological Chemistry</i> , 2016, 291, 1974-1990.	3.4	57
5	Sulforaphane induces CYP1A1 mRNA, protein, and catalytic activity levels via an AhR-dependent pathway in murine hepatoma Hepa 1c1c7 and human HepG2 cells. <i>Cancer Letters</i> , 2009, 275, 93-101.	7.2	51
6	The effect of Nrf2 knockout on the constitutive expression of drug metabolizing enzymes and transporters in C57Bl/6 mice livers. <i>Toxicology in Vitro</i> , 2011, 25, 785-795.	2.4	51
7	A human ether- A_1 -go-go-related (hERG) ion channel atomistic model generated by long supercomputer molecular dynamics simulations and its use in predicting drug cardiotoxicity. <i>Toxicology Letters</i> , 2014, 230, 382-392.	0.8	47
8	Alteration of cardiac cytochrome P450-mediated arachidonic acid metabolism in response to lipopolysaccharide-induced acute systemic inflammation. <i>Pharmacological Research</i> , 2010, 61, 410-418.	7.1	46
9	Determination of the Dominant Arachidonic Acid Cytochrome P450 Monooxygenases in Rat Heart, Lung, Kidney, and Liver: Protein Expression and Metabolite Kinetics. <i>AAPS Journal</i> , 2013, 15, 112-122.	4.4	39
10	The Tumor Suppressor Gene, RASSF1A, Is Essential for Protection against Inflammation -Induced Injury. <i>PLoS ONE</i> , 2013, 8, e75483.	2.5	39
11	A Refined Model of the HCV NS5A Protein Bound to Daclatasvir Explains Drug-Resistant Mutations and Activity against Divergent Genotypes. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 362-373.	5.4	39
12	Vinyl Chloride Metabolites Potentiate Inflammatory Liver Injury Caused by LPS in Mice. <i>Toxicological Sciences</i> , 2016, 151, 312-323.	3.1	38
13	Secondary cytotoxicity mediated by alveolar macrophages: A contribution to the total efficacy of nanoparticles in lung cancer therapy?. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 76, 112-119.	4.3	37
14	Differential modulation of aryl hydrocarbon receptor regulated enzymes by arsenite in the kidney, lung, and heart of C57BL/6 mice. <i>Archives of Toxicology</i> , 2012, 86, 897-910.	4.2	31
15	20-Hydroxyeicosatetraenoic Acid is a Potential Therapeutic Target in Cardiovascular Diseases. <i>Current Drug Metabolism</i> , 2013, 14, 706-719.	1.2	31
16	Induction of cytochrome P450 1a1 by the food flavoring agent, maltol. <i>Toxicology in Vitro</i> , 2007, 21, 685-690.	2.4	30
17	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. <i>Free Radical Biology and Medicine</i> , 2014, 67, 171-187.	2.9	30
18	Acute and long-term effects of arsenite in HepG2 cells: modulation of insulin signaling. <i>BioMetals</i> , 2014, 27, 317-332.	4.1	29

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19	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, 1540-1548.	3.3	27
20	Acute arsenic toxicity alters cytochrome P450 and soluble epoxide hydrolase and their associated arachidonic acid metabolism in C57Bl/6 mouse heart. <i>Xenobiotica</i> , 2012, 42, 1235-1247.	1.1	26
21	Down-Regulation of the Carcinogen-Metabolizing Enzyme Cytochrome P450 1a1 by Vanadium. <i>Drug Metabolism and Disposition</i> , 2008, 36, 1819-1827.	3.3	25
22	Arsenite down-regulates cytochrome P450 1A1 at the transcriptional and posttranslational levels in human HepG2 cells. <i>Free Radical Biology and Medicine</i> , 2010, 48, 1399-1409.	2.9	25
23	Mercury modulates the CYP1A1 at transcriptional and posttranslational levels in human hepatoma HepG2 cells. <i>Toxicology Letters</i> , 2010, 199, 225-233.	0.8	25
24	Acute arsenic treatment alters arachidonic acid and its associated metabolite levels in the brain of C57Bl/6 mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 2014, 92, 693-702.	1.4	21
25	Inhibition of Heme Oxygenase-1 Partially Reverses the Arsenite-Mediated Decrease of CYP1A1, CYP1A2, CYP3A23, and CYP3A2 Catalytic Activity in Isolated Rat Hepatocytes. <i>Drug Metabolism and Disposition</i> , 2012, 40, 504-514.	3.3	19
26	Murine atrial HL-1 cell line is a reliable model to study drug metabolizing enzymes in the heart. <i>Vascular Pharmacology</i> , 2013, 58, 326-333.	2.1	18
27	Down-regulation of the detoxifying enzyme NAD(P)H:quinone oxidoreductase 1 by vanadium in Hepa 1c1c7 cells. <i>Toxicology and Applied Pharmacology</i> , 2009, 236, 261-269.	2.8	17
28	Modulation of NAD(P)H:quinone oxidoreductase by vanadium in human hepatoma HepG2 cells. <i>Toxicology in Vitro</i> , 2010, 24, 1554-1561.	2.4	16
29	Acute arsenic treatment alters cytochrome P450 expression and arachidonic acid metabolism in lung, liver and kidney of C57Bl/6 mice. <i>Xenobiotica</i> , 2013, 43, 719-729.	1.1	16
30	Transcriptional and posttranscriptional regulation of CYP1A1 by vanadium in human hepatoma HepG2 cells. <i>Cell Biology and Toxicology</i> , 2010, 26, 421-434.	5.3	15
31	Differential modulation of cytochrome P450 1a1 by arsenite in vivo and in vitro in C57BL/6 mice. <i>Free Radical Biology and Medicine</i> , 2013, 58, 52-63.	2.9	12
32	MG-132 inhibits the TCDD-mediated induction of Cyp1a1 at the catalytic activity but not the mRNA or protein levels in Hepa 1c1c7 cells. <i>Toxicology Letters</i> , 2008, 182, 121-126.	0.8	11
33	Detection of a functional xenobiotic response element in a widely employed FoxO-responsive reporter construct. <i>Archives of Biochemistry and Biophysics</i> , 2011, 516, 138-145.	3.0	11
34	Effect of mercury on aryl hydrocarbon receptor-regulated genes in the extrahepatic tissues of C57BL/6 mice. <i>Food and Chemical Toxicology</i> , 2012, 50, 2325-2334.	3.6	10
35	Mercury modulates the cytochrome P450 1a1, 1a2 and 1b1 in C57BL/6J mice: in vivo and in vitro studies. <i>Toxicology and Applied Pharmacology</i> , 2013, 266, 419-429.	2.8	9
36	Posttranslational mechanisms modulating the expression of the cytochrome P450 1A1 gene by methylmercury in HepG2 cells: A role of heme oxygenase-1. <i>Toxicology Letters</i> , 2013, 219, 239-247.	0.8	9

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37	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
38	Modulation of aryl hydrocarbon receptor-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
39	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