

Hesham M Korashy

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.

83

papers

2,213

citations

30

h-index

44

g-index

90

ext. papers

2,608

ext. citations

4.7

avg, IF

5.12

L-index

#	Paper	IF	Citations
83	The role of aryl hydrocarbon receptor in the pathogenesis of cardiovascular diseases. <i>Drug Metabolism Reviews</i> , 2006 , 38, 411-50	7	138
82	Metformin attenuates streptozotocin-induced diabetic nephropathy in rats through modulation of oxidative stress genes expression. <i>Chemico-Biological Interactions</i> , 2011 , 192, 233-42	5	120
81	The effect of liver cirrhosis on the regulation and expression of drug metabolizing enzymes. <i>Current Drug Metabolism</i> , 2004 , 5, 157-67	3.5	103
80	Differential effects of mercury, lead and copper on the constitutive and inducible expression of aryl hydrocarbon receptor (AHR)-regulated genes in cultured hepatoma Hepa 1c1c7 cells. <i>Toxicology</i> , 2004 , 201, 153-72	4.4	84
79	Regulation of TNF- α and NF- κ B activation through the JAK/STAT signaling pathway downstream of histamine 4 receptor in a rat model of LPS-induced joint inflammation. <i>Immunobiology</i> , 2015 , 220, 889-98	3.4	73
78	Regulatory mechanisms modulating the expression of cytochrome P450 1A1 gene by heavy metals. <i>Toxicological Sciences</i> , 2005 , 88, 39-51	4.4	71
77	Aryl hydrocarbon receptor/cytochrome P450 1A1 pathway mediates breast cancer stem cells expansion through PTEN inhibition and β Catenin and Akt activation. <i>Molecular Cancer</i> , 2017 , 16, 14	42.1	61
76	Thymoquinone suppression of the human hepatocellular carcinoma cell growth involves inhibition of IL-8 expression, elevated levels of TRAIL receptors, oxidative stress and apoptosis. <i>Molecular and Cellular Biochemistry</i> , 2014 , 389, 85-98	4.2	61
75	Dexamethasone Attenuates LPS-induced Acute Lung Injury through Inhibition of NF- κ B, COX-2, and Pro-inflammatory Mediators. <i>Immunological Investigations</i> , 2016 , 45, 349-69	2.9	57
74	Effect of long-term human exposure to environmental heavy metals on the expression of detoxification and DNA repair genes. <i>Environmental Pollution</i> , 2013 , 181, 226-32	9.3	56
73	Endoplasmic Reticulum Stress: A Critical Molecular Driver of Endothelial Dysfunction and Cardiovascular Disturbances Associated with Diabetes. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	55
72	Transcriptional regulation of the NAD(P)H:quinone oxidoreductase 1 and glutathione S-transferase ya genes by mercury, lead, and copper. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 152-65	4	49
71	The role of aryl hydrocarbon receptor signaling pathway in cardiotoxicity of acute lead intoxication in vivo and in vitro rat model. <i>Toxicology</i> , 2013 , 306, 40-9	4.4	48
70	The role of redox-sensitive transcription factors NF-kappaB and AP-1 in the modulation of the Cyp1a1 gene by mercury, lead, and copper. <i>Free Radical Biology and Medicine</i> , 2008 , 44, 795-806	7.8	48
69	Benzo[a]pyrene, 3-methylcholanthrene and beta-naphthoflavone induce oxidative stress in hepatoma hepa 1c1c7 Cells by an AHR-dependent pathway. <i>Free Radical Research</i> , 2004 , 38, 1191-200	4	48
68	The impact of experimental hyperlipidemia on the distribution and metabolism of amiodarone in rat. <i>International Journal of Pharmaceutics</i> , 2008 , 361, 78-86	6.5	46
67	The Role of Protein Tyrosine Phosphatase (PTP)-1B in Cardiovascular Disease and Its Interplay with Insulin Resistance. <i>Biomolecules</i> , 2019 , 9,	5.9	43

66	Naringin attenuates the development of carrageenan-induced acute lung inflammation through inhibition of NF- κ B, STAT3 and pro-inflammatory mediators and enhancement of I κ B and anti-inflammatory cytokines. <i>Inflammation</i> , 2015 , 38, 846-57	5.1	41
65	Sinapic acid mitigates gentamicin-induced nephrotoxicity and associated oxidative/nitrosative stress, apoptosis, and inflammation in rats. <i>Life Sciences</i> , 2016 , 165, 1-8	6.8	41
64	Camel milk triggers apoptotic signaling pathways in human hepatoma HepG2 and breast cancer MCF7 cell lines through transcriptional mechanism. <i>Journal of Biomedicine and Biotechnology</i> , 2012 , 2012, 593195		40
63	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
62	Metformin rescues the myocardium from doxorubicin-induced energy starvation and mitochondrial damage in rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2012 , 2012, 434195	6.7	39
61	Rutin Attenuates Carfilzomib-Induced Cardiotoxicity Through Inhibition of NF- κ B, Hypertrophic Gene Expression and Oxidative Stress. <i>Cardiovascular Toxicology</i> , 2017 , 17, 58-66	3.4	38
60	Induction of cytochrome P450 1A1 by ketoconazole and itraconazole but not fluconazole in murine and human hepatoma cell lines. <i>Toxicological Sciences</i> , 2007 , 97, 32-43	4.4	38
59	Gene expression profiling to identify the toxicities and potentially relevant human disease outcomes associated with environmental heavy metal exposure. <i>Environmental Pollution</i> , 2017 , 221, 64-74	9.3	36
58	Camel milk attenuates the biochemical and morphological features of diabetic nephropathy: inhibition of Smad1 and collagen type IV synthesis. <i>Chemico-Biological Interactions</i> , 2015 , 229, 100-8	5	33
57	Modulation of TCDD-mediated induction of cytochrome P450 1A1 by mercury, lead, and copper in human HepG2 cell line. <i>Toxicology in Vitro</i> , 2008 , 22, 154-8	3.6	33
56	The role of aryl hydrocarbon receptor and the reactive oxygen species in the modulation of glutathione transferase by heavy metals in murine hepatoma cell lines. <i>Chemico-Biological Interactions</i> , 2006 , 162, 237-48	5	31
55	Gefitinib. <i>Profiles of Drug Substances, Excipients and Related Methodology</i> , 2014 , 39, 239-64	3	30
54	Molecular mechanisms of cardiotoxicity of gefitinib in vivo and in vitro rat cardiomyocyte: Role of apoptosis and oxidative stress. <i>Toxicology Letters</i> , 2016 , 252, 50-61	4.4	30
53	Synthesis, characterization, in vitro cytotoxicity and DNA interaction study of phosphane-gold(I) complexes with dithiocarbamate ligands. <i>Inorganica Chimica Acta</i> , 2017 , 464, 37-48	2.7	27
52	The role of poly(ADP-ribose) polymerase-1 inhibitor in carrageenan-induced lung inflammation in mice. <i>Molecular Immunology</i> , 2015 , 63, 394-405	4.3	27
51	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
50	Metformin inhibits 7,12-dimethylbenz[a]anthracene-induced breast carcinogenesis and adduct formation in human breast cells by inhibiting the cytochrome P4501A1/aryl hydrocarbon receptor signaling pathway. <i>Toxicology and Applied Pharmacology</i> , 2015 , 284, 217-26	4.6	24
49	High-performance liquid chromatographic method for the determination of dasatinib in rabbit plasma using fluorescence detection and its application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 939, 73-9	3.2	24

48	Design and Synthesis of N-Arylphthalimides as Inhibitors of Glucocorticoid-Induced TNF Receptor-Related Protein, Proinflammatory Mediators, and Cytokines in Carrageenan-Induced Lung Inflammation. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 8850-67	8.3	21
47	NF-kappaB and AP-1 are key signaling pathways in the modulation of NAD(P)H:quinone oxidoreductase 1 gene by mercury, lead, and copper. <i>Journal of Biochemical and Molecular Toxicology</i> , 2008 , 22, 274-83	3.4	21
46	Stimulation of the histamine 4 receptor with 4-methylhistamine modulates the effects of chronic stress on the Th1/Th2 cytokine balance. <i>Immunobiology</i> , 2015 , 220, 341-9	3.4	20
45	Mitogen-activated protein kinases pathways mediate the sunitinib-induced hypertrophy in rat cardiomyocyte H9c2 cells. <i>Cardiovascular Toxicology</i> , 2015 , 15, 41-51	3.4	20
44	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
43	Genotoxic impact of long-term cigarette and waterpipe smoking on DNA damage and oxidative stress in healthy subjects. <i>Toxicology Mechanisms and Methods</i> , 2019 , 29, 119-127	3.6	19
42	Camel milk modulates the expression of aryl hydrocarbon receptor-regulated genes, Cyp1a1, Nqo1, and Gsta1, in murine hepatoma Hepa 1c1c7 cells. <i>Journal of Biomedicine and Biotechnology</i> , 2012 , 2012, 782642		18
41	Effects of Nigella sativa and Lepidium sativum on cyclosporine pharmacokinetics. <i>BioMed Research International</i> , 2013 , 2013, 953520	3	17
40	Camel urine inhibits the cytochrome P450 1a1 gene expression through an AhR-dependent mechanism in Hepa 1c1c7 cell line. <i>Journal of Ethnopharmacology</i> , 2011 , 133, 184-90	5	17
39	Impact of cigarette smoke exposure on the expression of cardiac hypertrophic genes, cytochrome P450 enzymes, and oxidative stress markers in rats. <i>Journal of Toxicological Sciences</i> , 2012 , 37, 1083-90	1.9	17
38	Meteorological Factors and Seasonal Stroke Rates: A Four-year Comprehensive Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019 , 28, 2324-2331	2.8	16
37	Treatment with aliskiren ameliorates tacrolimus-induced nephrotoxicity in rats. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015 , 16, 1329-36	3	16
36	Dasatinib. <i>Profiles of Drug Substances, Excipients and Related Methodology</i> , 2014 , 39, 205-37	3	16
35	Transcriptional and posttranslational mechanisms modulating the expression of the cytochrome P450 1A1 gene by lead in HepG2 cells: a role of heme oxygenase. <i>Toxicology</i> , 2012 , 291, 113-21	4.4	16
34	Phloretin attenuates STAT-3 activity and overcomes sorafenib resistance targeting SHP-1-mediated inhibition of STAT3 and Akt/VEGFR2 pathway in hepatocellular carcinoma. <i>Cell Communication and Signaling</i> , 2019 , 17, 127	7.5	15
33	Riboflavin attenuates lipopolysaccharide-induced lung injury in rats. <i>Toxicology Mechanisms and Methods</i> , 2015 , 25, 417-23	3.6	14
32	Sunitinib malate. <i>Profiles of Drug Substances, Excipients and Related Methodology</i> , 2012 , 37, 363-88	3	14
31	Alpha-lipoic acid rebalances redox and immune-testicular milieu in septic rats. <i>Chemico-Biological Interactions</i> , 2011 , 189, 198-205	5	14

30	BCL-2 Inhibitor Venetoclax Induces Autophagy-Associated Cell Death, Cell Cycle Arrest, and Apoptosis in Human Breast Cancer Cells. <i>OncoTargets and Therapy</i> , 2020 , 13, 13357-13370	4.4	13
29	The role of NF- κ B and AhR transcription factors in lead-induced lung toxicity in human lung cancer A549 cells. <i>Toxicology Mechanisms and Methods</i> , 2020 , 30, 197-207	3.6	13
28	Induction of the NAD(P)H:quinone oxidoreductase 1 by ketoconazole and itraconazole: a mechanism of cancer chemoprotection. <i>Cancer Letters</i> , 2007 , 258, 135-43	9.9	11
27	Pharmacokinetic interaction studies of fenugreek with CYP3A substrates cyclosporine and carbamazepine. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2014 , 39, 147-53	2.7	9
26	Downregulation of the cardiotrophin-1 gene expression by valsartan and spironolactone in hypertrophied heart rats in vivo and rat cardiomyocyte H9c2 cell line in vitro: a novel mechanism of cardioprotection. <i>Journal of Cardiovascular Pharmacology</i> , 2013 , 61, 337-44	3.1	9
25	Lepidium sativum but not Nigella sativa affects carbamazepine disposition in an animal model. <i>Drug Metabolism Letters</i> , 2013 , 7, 47-51	2.1	9
24	Sunitinib Inhibits Breast Cancer Cell Proliferation by Inducing Apoptosis, Cell-cycle Arrest and DNA Repair While Inhibiting NF- κ B Signaling Pathways. <i>Anticancer Research</i> , 2017 , 37, 4899-4909	2.3	9
23	EGFR Inhibitor Gefitinib Induces Cardiotoxicity through the Modulation of Cardiac PTEN/Akt/FoxO3a Pathway and Reactive Metabolites Formation: and Rat Studies. <i>Chemical Research in Toxicology</i> , 2020 , 33, 1719-1728	4	7
22	Effect of bile and lipids on the stereoselective metabolism of halofantrine by rat everted-intestinal sacs. <i>Chirality</i> , 2010 , 22, 275-83	2.1	7
21	Molecular Mechanisms of Adiponectin-Induced Attenuation of Mechanical Stretch-Mediated Vascular Remodeling. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 6425782	6.7	6
20	The role of aryl hydrocarbon receptor-regulated cytochrome P450 enzymes in glioma. <i>Current Pharmaceutical Design</i> , 2013 , 19, 7155-66	3.3	6
19	Epigenetic Regulation of Cancer Stem Cells by the Aryl Hydrocarbon Receptor Pathway. <i>Seminars in Cancer Biology</i> , 2020 ,	12.7	6
18	Endoplasmic Reticulum (ER) Stress-Generated Extracellular Vesicles (Microparticles) Self-Perpetuate ER Stress and Mediate Endothelial Cell Dysfunction Independently of Cell Survival. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 584791	5.4	5
17	FoxO3a is Essential for the Antiproliferative and Apoptogenic Effects of Sunitinib in MDA-MB231 Cell Line. <i>Anticancer Research</i> , 2016 , 36, 6097-6108	2.3	5
16	Gold-containing compound BDG-I inhibits the growth of A549 lung cancer cells through the deregulation of miRNA expression. <i>Saudi Pharmaceutical Journal</i> , 2018 , 26, 1035-1043	4.4	5
15	Between Inflammation and Autophagy: The Role of Leptin-Adiponectin Axis in Cardiac Remodeling. <i>Journal of Inflammation Research</i> , 2021 , 14, 5349-5365	4.8	4
14	Interplay between Endoplasmic Reticulum Stress and Large Extracellular Vesicles (Microparticles) in Endothelial Cell Dysfunction. <i>Biomedicines</i> , 2020 , 8,	4.8	4
13	Differential Effects of Sunitinib on the Expression Profiles of Xenobiotic-Metabolizing Enzymes and Transporters in Rat Liver and Kidneys. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016 , 119, 173-83	3.1	4

12	Sestrin2 suppression aggravates oxidative stress and apoptosis in endothelial cells subjected to pharmacologically induced endoplasmic reticulum stress. <i>European Journal of Pharmacology</i> , 2021 , 907, 174247	5.3	3
11	Therapeutic potential of carfilzomib, an irreversible proteasome inhibitor, against acetaminophen-induced hepatotoxicity in mice. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017 , 31, N/A	3.4	1
10	Ketoconazole Stereoisomers Differentially Induce Cytochrome P450 1A1 Between Human Hepatoma HepG2 and Mouse Hepatoma Hepa1c1c7 Cells. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 1318-26	3.9	1
9	In vivo and in vitro studies evaluating the chemopreventive effect of metformin on the aryl hydrocarbon receptor-mediated breast carcinogenesis. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 7396-7403	4	1
8	Metformin attenuates V-domain Ig suppressor of T-cell activation through the aryl hydrocarbon receptor pathway in Melanoma: In Vivo and In Vitro Studies.. <i>Saudi Pharmaceutical Journal</i> , 2022 , 30, 138-149	4.4	0
7	Venetoclax, a Novel BCL-2 Inhibitor, Induces Cell Growth Suppression, Apoptosis, Cell Cycle Arrest, and Autophagy in Triple Negative Breast Cancer MDA-MB-231 Cells. <i>FASEB Journal</i> , 2019 , 33, 674.16	0.9	0
6	Lead Nitrate Induces Inflammation and Apoptosis in Rat Lungs Through the Activation of NF- κ B and AhR Signaling Pathways.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
5	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	
4	Metformin attenuates lead-induced inflammatory and apoptotic lung injury through modulation of P53 and TNF- α pathways in rats. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
3	Letter to the Editor Response. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 104768	2.8	
2	Metformin Attenuates Doxorubicin-induced Cardiotoxicity In Rats. <i>FASEB Journal</i> , 2012 , 26, 1038.3	0.9	
1	Involvement of caveolae in hyperglycemia-induced changes in adiponectin and leptin expressions in vascular smooth muscle cells.. <i>European Journal of Pharmacology</i> , 2021 , 174701	5.3	