William H Tolleson

List of Publications by Year
in descending order

49 papers	1,705 citations	257450 24 h-index	276875 41 g-index
49 all docs	49 docs citations	49 times ranked	2118 citing authors

#	Article	IF	Citations
1	Characterization of cytochrome P450s (CYP)-overexpressing HepG2 cells for assessing drug and chemical-induced liver toxicity. Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis, 2021, 39, 68-86.	0.7	12
2	Coordinated Regulation of UGT2B15 Expression by Long Noncoding RNA LINC00574 and hsa-miR-129-5p in HepaRG Cells. Drug Metabolism and Disposition, 2020, 48, 297-306.	3.3	6
3	Long noncoding RNA LINC00844-mediated molecular network regulates expression of drug metabolizing enzymes and nuclear receptors in human liver cells. Archives of Toxicology, 2020, 94, 1637-1653.	4.2	16
4	Immunomagnetic Capture of Big Six Shiga Toxinâ€"Producing Escherichia coli Strains in Apple Juice with Detection by Multiplex Real-Time PCR Eliminates Interference from the Food Matrix. Journal of Food Protection, 2019, 82, 1512-1523.	1.7	6
5	Regulation of cytochrome P450 expression by microRNAs and long noncoding RNAs: Epigenetic mechanisms in environmental toxicology and carcinogenesis. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2019, 37, 180-214.	2.9	50
6	MicroRNAs hsa-miR-495-3p and hsa-miR-486-5p suppress basal and rifampicin-induced expression of human sulfotransferase 2A1 (SULT2A1) by facilitating mRNA degradation. Biochemical Pharmacology, 2019, 169, 113617.	4.4	14
7	MicroRNA-Dependent Gene Regulation of the Human Cytochrome P450. , 2019, , 129-138.		2
8	Primary and secondary pyrrolic metabolites of pyrrolizidine alkaloids form DNA adducts in human A549 cells. Toxicology in Vitro, 2019, 54, 286-294.	2.4	11
9	Mitochondrial dysfunction induced by leflunomide and its active metabolite. Toxicology, 2018, 396-397, 33-45.	4.2	38
10	Multiple microRNAs function as self-protective modules in acetaminophen-induced hepatotoxicity in humans. Archives of Toxicology, 2018, 92, 845-858.	4.2	42
11	Activation of the Nrf2 signaling pathway in usnic acid-induced toxicity in HepG2 cells. Archives of Toxicology, 2017, 91, 1293-1307.	4.2	37
12	A systematic evaluation of microRNAs in regulating human hepatic CYP2E1. Biochemical Pharmacology, 2017, 138, 174-184.	4.4	36
13	The expression, induction and pharmacological activity of CYP1A2 are post-transcriptionally regulated by microRNA hsa-miR-132-5p. Biochemical Pharmacology, 2017, 145, 178-191.	4.4	41
14	MicroRNA hsa-miR-25-3p suppresses the expression and drug induction of CYP2B6 in human hepatocytes. Biochemical Pharmacology, 2016, 113, 88-96.	4.4	45
15	Development of HepG2-derived cells expressing cytochrome P450s for assessing metabolism-associated drug-induced liver toxicity. Chemico-Biological Interactions, 2016, 255, 63-73.	4.0	62
16	Prolactin and Dehydroepiandrosterone Levels in Women with Systemic Lupus Erythematosus: The Role of the Extrapituitary Prolactin Promoter Polymorphism at â^'1149G/T. Journal of Immunology Research, 2015, 2015, 1-10.	2.2	9
17	Modulation of ALDH5A1 and SLC22A7 by microRNA hsa-miR-29a-3p in human liver cells. Biochemical Pharmacology, 2015, 98, 671-680.	4.4	21
18	Influence of yogurt fermentation and refrigerated storage on the stability of protein toxin contaminants. Food and Chemical Toxicology, 2015, 80, 101-107.	3.6	6

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19	Endoplasmic Reticulum Stress and Store-Operated Calcium Entry Contribute to Usnic Acid-Induced Toxicity in Hepatic Cells. Toxicological Sciences, 2015, 146, 116-126.	3.1	35
20	microRNAs as pharmacogenomic biomarkers for drug efficacy and drug safety assessment. Biomarkers in Medicine, 2015, 9, 1153-1176.	1.4	64
21	MicroRNA hsa-miR-29a-3p modulates CYP2C19 in human liver cells. Biochemical Pharmacology, 2015, 98, 215-223.	4.4	51
22	Ricin detection: Tracking active toxin. Biotechnology Advances, 2015, 33, 117-123.	11.7	82
23	Metabolic Activation of Pyrrolizidine Alkaloids Leading to Phototoxicity and Photogenotoxicity in Human HaCaT Keratinocytes. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2014, 32, 362-384.	2.9	13
24	Toxicogenomics and Cancer Susceptibility: Advances with Next-Generation Sequencing. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2014, 32, 121-158.	2.9	32
25	Thermal inactivation reaction rates for ricin are influenced by pH and carbohydrates. Food and Chemical Toxicology, 2013, 58, 116-123.	3.6	11
26	Inhibition of Heme Peroxidases by Melamine. Enzyme Research, 2012, 2012, 1-7.	1.8	9
27	Chemical Inactivation of Protein Toxins on Food Contact Surfaces. Journal of Agricultural and Food Chemistry, 2012, 60, 6627-6640.	5.2	12
28	Introducing Amylo-Glo, a novel fluorescent amyloid specific histochemical tracer especially suited for multiple labeling and large scale quantification studies. Journal of Neuroscience Methods, 2012, 209, 120-126.	2.5	27
29	A functional quantitative polymerase chain reaction assay for ricin, Shiga toxin, and related ribosome-inactivating proteins. Analytical Biochemistry, 2010, 396, 204-211.	2.4	53
30	Thermal Stability of Ricin in Orange and Apple Juices. Journal of Food Science, 2010, 75, T65-71.	3.1	17
31	Effect of p53 genotype on gene expression profiles in murine liver. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 640, 54-73.	1.0	3
32	Two Cases of Uveal Amelanotic Melanoma in Transgenic Tyr-HRAS+ Ink4a/Arf Heterozygous Mice. Toxicologic Pathology, 2007, 35, 825-830.	1.8	5
33	Physiological Role of Retinyl Palmitate in the Skin. Vitamins and Hormones, 2007, 75, 223-256.	1.7	23
34	Thermal Inactivation of Ricin Using Infant Formula as a Food Matrix. Journal of Agricultural and Food Chemistry, 2006, 54, 7300-7304.	5.2	36
35	Spontaneous Uveal Amelanotic Melanoma in Transgenic Tyr-RAS+ Ink4a/Arfâˆ’/âˆ’ Mice. JAMA Ophthalmology, 2005, 123, 1088.	2.4	22
36	Human Melanocyte Biology, Toxicology, and Pathology. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2005, 23, 105-161.	2.9	107

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37	Inhibition of Extrahepatic Human Cytochromes P450 1A1 and 1B1 by Metabolism of Isoflavones Found inTrifolium pratense(Red Clover). Journal of Agricultural and Food Chemistry, 2004, 52, 6623-6632.	5.2	63
38	Photoreaction, Phototoxicity, and Photocarcinogenicity of Retinoids. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2003, 21, 165-197.	2.9	47
39	Metabolism of Biochanin A and Formononetin by Human Liver Microsomes in Vitro. Journal of Agricultural and Food Chemistry, 2002, 50, 4783-4790.	5.2	128
40	Decreasedin vitro interaction between p53 and nuclear stress proteins in thep53-deficient mouse. Electrophoresis, 2001, 22, 2092-2097.	2.4	3
41	Identification of fumonisin B1 as an inhibitor of argininosuccinate synthetase using fumonisin affinity chromatography and in vitro kinetic studies. Journal of Biochemical and Molecular Toxicology, 2000, 14, 320-328.	3.0	13
42	Induction of stress proteins by electromagnetic fields in cultured HL-60 cells. Bioelectromagnetics, 1999, 20, 347-357.	1.6	63
43	The relationship of p53 and stress proteins in response to bleomycin and retinoic acid in the p53 heterozygous mouse. Biochimica Et Biophysica Acta - Molecular Cell Research, 1999, 1450, 164-176.	4.1	1
44	Renal Effects of Fumonisin Mycotoxins in Animals. Toxicologic Pathology, 1998, 26, 160-164.	1.8	72
45	Identification of Ceramides in Human Cells Using Liquid Chromatography with detection by Atmospheric Pressure Chemical Ionization-Mass Spectrometry. Rapid Communications in Mass Spectrometry, 1997, 11, 504-512.	1.5	63
46	Identification of Ceramides in Human Cells Using Liquid Chromatography with detection by Atmospheric Pressure Chemical Ionizationâ€Mass Spectrometry. Rapid Communications in Mass Spectrometry, 1997, 11, 504-512.	1.5	1
47	Apoptotic and anti-proliferative effects of fumonisin B1 in human keratinocytes, fibroblasts, esophageal epithelial cells and hepatoma cells. Carcinogenesis, 1996, 17, 239-249.	2.8	115
48	The Mycotoxin Fumonisin Induces Apoptosis in Cultured Human Cells and in Livers and Kidneys of Rats. Advances in Experimental Medicine and Biology, 1996, 392, 237-250.	1.6	78
49	Comparison of ELISA with activity and ligand-binding methods for the determination of thymidylate synthase concentration. Bioconjugate Chemistry, 1991, 2, 327-332.	3.6	2