Multiple microRNAs function as self-protective module hepatotoxicity in humans

Archives of Toxicology

92, 845-858

DOI: 10.1007/s00204-017-2090-y

Citation Report

#	Article	IF	Citations
1	The role of hepatic cytochrome P450s in the cytotoxicity of dronedarone. Archives of Toxicology, 2018, 92, 1969-1981.	1.9	10
2	Cadmium Nephrotoxicity Is Associated with Altered MicroRNA Expression in the Rat Renal Cortex. Toxics, 2018, 6, 16.	1.6	58
3	MicroRNA-224 down-regulates Glycine N-methyltransferase gene expression in Hepatocellular Carcinoma. Scientific Reports, 2018, 8, 12284.	1.6	19
4	Latest advances in diagnosing and predicting DILI: what was new in 2017?. Expert Review of Gastroenterology and Hepatology, 2018, 12, 1033-1043.	1.4	11
5	Old problem, new solutions: biomarker discovery for acetaminophen liver toxicity. Expert Opinion on Drug Metabolism and Toxicology, 2019, 15, 659-669.	1.5	12
6	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
7	Current trends in drug metabolism and pharmacokinetics. Acta Pharmaceutica Sinica B, 2019, 9, 1113-1144.	5.7	147
8	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.	2.0	14
9	Advances and challenges in studying noncoding RNA regulation of drug metabolism and development of RNA therapeutics. Biochemical Pharmacology, 2019, 169, 113638.	2.0	40
10	MicroRNA-Dependent Gene Regulation of the Human Cytochrome P450. , 2019, , 129-138.		2
11	Ketogenic Diet Acts on Body Remodeling and MicroRNAs Expression Profile. MicroRNA (Shariqah,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	42
12	Granzyme B and miR-378a Interaction in Acetaminophen Toxicity in Children. MicroRNA (Shariqah,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	0
13	Can Transcriptomic Profiles from Cancer Cell Lines Be Used for Toxicity Assessment?. Chemical Research in Toxicology, 2020, 33, 271-280.	1.7	18
14	Circulating microRNA Profiles in Acetaminophen Toxicity. Journal of Medical Toxicology, 2020, 16, 177-187.	0.8	4
15	MiR-155 and other microRNAs downregulate drug metabolizing cytochromes P450 in inflammation. Biochemical Pharmacology, 2020, 171, 113725.	2.0	32
16	Integration of proteomics, lipidomics, and metabolomics reveals novel metabolic mechanisms underlying N, N-dimethylformamide induced hepatotoxicity. Ecotoxicology and Environmental Safety, 2020, 205, 111166.	2.9	21
17	circ-CBFB upregulates p66Shc to perturb mitochondrial dynamics in APAP-induced liver injury. Cell Death and Disease, 2020, 11, 953.	2.7	20
18	LncRNA KCNQ1OT1 ameliorates the liver injury induced by acetaminophen through the regulation of miR-122-5p/CES2 axis. Molecular and Cellular Biochemistry, 2020, 475, 107-118.	1.4	6

#	Article	IF	Citations
19	Identification of Translational microRNA Biomarker Candidates for Ketoconazole-Induced Liver Injury Using Next-Generation Sequencing. Toxicological Sciences, 2020, 179, 31-43.	1.4	10
20	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.	1.7	6
21	MicroRNA hsa-miR-1301-3p Regulates Human ADH6, ALDH5A1 and ALDH8A1 in the Ethanol-Acetaldehyde-Acetate Metabolic Pathway. Molecular Pharmacology, 2020, 98, 120-129.	1.0	13
22	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.	1.9	16
23	Knockdown of Long Noncoding RNAs Hepatocyte Nuclear Factor 1Î± Antisense RNA 1 and Hepatocyte Nuclear Factor 4Î± Antisense RNA 1 Alters Susceptibility of Acetaminophen-Induced Cytotoxicity in HepaRG Cells. Molecular Pharmacology, 2020, 97, 278-286.	1.0	13
24	Transcriptional and post-transcriptional regulation of the pregnane X receptor: a rationale for interindividual variability in drug metabolism. Archives of Toxicology, 2021, 95, 11-25.	1.9	10
25	MicroRNA-877-5p alleviates ARDS via enhancing PI3K/Akt path by targeting CDKN1B both in vivo and in vitro. International Immunopharmacology, 2021, 95, 107530.	1.7	7
26	Role of Noncoding RNAs in Acetaminophen-Induced Liver Injury. Gene Expression, 2021, 20, 179-188.	0.5	3
27	A novel mechanism underlying alcohol dehydrogenase expression: hsa-miR-148a-3p promotes ADH4 expression via an AGO1-dependent manner in control and ethanol-exposed hepatic cells. Biochemical Pharmacology, 2021, 189, 114458.	2.0	20
28	MicroRNA-760 resists ambient PM2.5-induced apoptosis in human bronchial epithelial cells through elevating heme-oxygenase 1 expression. Environmental Pollution, 2021, 284, 117213.	3.7	7
29	FREMSA: A Method That Provides Direct Evidence of the Interaction between microRNA and mRNA. Methods in Molecular Biology, 2020, 2102, 557-566.	0.4	15
30	The MicroRNA-based Liquid Biopsy Improves Early Assessment of Lethal Acetaminophen Poisoning: A Case Report. American Journal of Case Reports, 2020, 21, e919289.	0.3	4
31	miRNAs Signatures In Patients With Acute Liver Injury: Clinical Concerns and Correlations. Current Molecular Medicine, 2020, 20, 325-335.	0.6	1
32	miR-15a-3p Protects Against Isoniazid-Induced Liver Injury via Suppressing N-Acetyltransferase 2 Expression. Frontiers in Molecular Biosciences, 2021, 8, 752072.	1.6	4
33	<scp>RNA</scp> modifications as emerging therapeutic targets. Wiley Interdisciplinary Reviews RNA, 2022, 13, e1702.	3.2	10
34	PIWI-interacting RNA-23210 protects against acetaminophen-induced liver injury by targeting HNF1A and HNF4A. Biochemical Pharmacology, 2022, 197, 114897.	2.0	4
35	Identification of key genes and pathways between mild-moderate and severe asthmatics via bioinformatics analysis. Scientific Reports, 2022, 12, 2549.	1.6	3
36	Insight into microRNAs-Mediated Communication between Liver and Brain: A Possible Approach for Understanding Acute Liver Failure?. International Journal of Molecular Sciences, 2022, 23, 224.	1.8	5

#	Article	IF	Citations
37	A risk score system based on a six-microRNA signature predicts the overall survival of patients with ovarian cancer. Journal of Ovarian Research, 2022, 15, 54.	1.3	4
38	Integration of bioinformatics analysis and experimental validation identifies plasma exosomal <scp>miR</scp>â€103b/877â€5p/29câ€5p as diagnostic biomarkers for early lung adenocarcinoma. Cancer Medicine, 2022, 11, 4411-4421.	1.3	8
39	Epigenetics in drug disposition & drug therapy: symposium report of the 24th North American meeting of the International Society for the Study of Xenobiotics (ISSX). Drug Metabolism Reviews, 2022, 54, 318-330.	1.5	2
40	Genome-wide microRNA profiles identify miR-107 as a top miRNA associating with expression of the CYP3As and other drug metabolizing cytochrome P450 enzymes in the liver. Frontiers in Pharmacology, 0, 13, .	1.6	5
41	Identifying microRNAs that drive BaP-induced pulmonary effects: Multiple patterns of mechanisms underlying activation of the toxicity pathways. Environment International, 2022, 170, 107588.	4.8	5