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Isoniazid-induced apoptosis in HepG2 cells: generation of oxidative stress and Bcl-2 down-regulation

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#	Paper	IF	Citations
34	Drug-induced liver injury: a summary of recent advances. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2011 , 7, 875-90	5.5	43
33	Hepatotoxicity of antibiotics: a review and update for the clinician. <i>Clinics in Liver Disease</i> , 2013 , 17, 609-42, ix	4.6	31
32	A cell-based, multiparametric sensor approach characterises drug-induced cytotoxicity in human liver HepG2 cells. <i>Toxicology in Vitro</i> , 2013 , 27, 1109-20	3.6	14
31	Mechanism-based inhibition of CYP450: an indicator of drug-induced hepatotoxicity. <i>Current Drug Metabolism</i> , 2013 , 14, 921-45	3.5	35
30	Expression Profile of Markers of Apoptosis, Injury and Oxidative Stress in Human Lung Epithelium Cells-A5449 Receiving Chronic Exposure of Potential Anti-Tubercular Drug-trans-Cyclohexane-1, 4-Diamine Derivative-"9u". <i>Toxicology International</i> , 2014 , 21, 172-8		
29	Nonindustrial Pharmaceutical Research in the BRIC Countries: Lessons for Drug Discovery Partnerships with Academic and Governmental Institutions. 2014 , 159-172		
28	The synergistic effect of 1Xacetoxychavicol acetate and sodium butyrate on the death of human hepatocellular carcinoma cells. <i>Chemico-Biological Interactions</i> , 2014 , 212, 1-10	5	16
27	Hepatotoxicity mechanisms of isoniazid: A mini-review. <i>Journal of Applied Toxicology</i> , 2015 , 35, 1427-32	4.1	44
26	Anti-tuberculosis treatments and risk of hepatocellular carcinoma in tuberculosis patients with liver cirrhosis: a population-based case-control study. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2015 , 34, 479-85	5.3	5
25	Pharmacogenetics of isoniazid-induced hepatotoxicity. <i>Drug Metabolism Reviews</i> , 2015 , 47, 222-8	7	39
24	Isoniazid prevents Nrf2 translocation by inhibiting ERK1 phosphorylation and induces oxidative stress and apoptosis. <i>Redox Biology</i> , 2015 , 6, 80-92	11.3	26
23	Induction of CYP2E1 in testes of isoniazid-treated rats as possible cause of testicular disorders. <i>Toxicology Letters</i> , 2015 , 234, 59-66	4.4	21
22	Norbornene derived nanocarrier reduces isoniazid mediated liver toxicity: assessment in HepG2 cell line and zebrafish model. <i>RSC Advances</i> , 2016 , 6, 114927-114936	3.7	7
21	Induction of protective autophagy against apoptosis in HepG2 cells by isoniazid independent of the p38 signaling pathway. <i>Toxicology Research</i> , 2016 , 5, 963-972	2.6	4
20	Mechanism of Hepatocyte Apoptosis. <i>Journal of Cell Death</i> , 2016 , 9, 19-29	1	55
19	Role of Inflammatory and Oxidative Stress, Cytochrome P450 2E1, and Bile Acid Disturbance in Rat Liver Injury Induced by Isoniazid and Lipopolysaccharide Cotreatment. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 5285-93	5.9	25
18	The pathogenesis of drug-induced liver injury. <i>Expert Review of Gastroenterology and Hepatology</i> , 2016 , 10, 1175-1185	4.2	15

17	Pharmacokinetic studies of a three-component complex that repurposes the front line antibiotic isoniazid against Mycobacterium tuberculosis. <i>Tuberculosis</i> , 2017 , 107, 149-155	2.6	8
16	Impairment of Mitochondrial Biogenesis and Dynamics Involved in Isoniazid-Induced Apoptosis of HepG2 Cells Was Alleviated by p38 MAPK Pathway. <i>Frontiers in Pharmacology</i> , 2017 , 8, 753	5.6	24
15	Mitochondrial dysfunction as a mechanism of drug-induced hepatotoxicity: current understanding and future perspectives. <i>Journal of Clinical and Translational Research</i> , 2018 , 4, 75-100	1.1	57
14	Quercetin protected against isoniazide-induced HepG2 cell apoptosis by activating the SIRT1/ERK pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019 , 33, e22369	3.4	11
13	The Isoniazid Metabolites Hydrazine and Pyridoxal Isonicotinoyl Hydrazone Modulate Heme Biosynthesis. <i>Toxicological Sciences</i> , 2019 , 168, 209-224	4.4	8
12	Prominence of Oxidative Stress in the Management of Anti-tuberculosis Drugs Related Hepatotoxicity. <i>Drug Metabolism Letters</i> , 2019 , 13, 95-101	2.1	4
11	A polydopamine-polyethyleneimine/quantum dot sensor for instantaneous readout of cell surface charge to reflect cell states. <i>Sensors and Actuators B: Chemical</i> , 2020 , 324, 128696	8.5	1
10	Xanthohumol from L. potentiates the killing of and mitigates liver toxicity by the combination of isoniazid in mouse tuberculosis models.. <i>RSC Advances</i> , 2020 , 10, 13223-13231	3.7	0
9	Quercetin Protects Hepatocytes against CCl4-Induced Apoptosis via SIRT1 Regulation. <i>Cell and Tissue Biology</i> , 2021 , 15, 381-387	0.4	2
8	Development of a convenient in vivo hepatotoxin assay using a transgenic zebrafish line with liver-specific DsRed expression. <i>PLoS ONE</i> , 2014 , 9, e91874	3.7	34
7	Naringenin protects against isoniazid- and rifampicin-induced apoptosis in hepatic injury. <i>World Journal of Gastroenterology</i> , 2016 , 22, 9775-9783	5.6	16
6	Schiff base SH11 with tuberculostatic and radical scavenging activities against INH-induced oxidative hepatic damage. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2012 , 03, 1068-1075	0.9	
5	Pharmaceutical Agents. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015 , 233-249		
4	N-Acetyltransferase Activity Assay and Inhibitory Compounds Screening by Using Living Human Hepatoma HepaRG Cell Model. <i>International Journal of Pharmacology</i> , 2019 , 15, 229-237	0.7	1
3	Evaluation of Antioxidative Effect of Green Tea Catechins Against Isoniazid-induced Biochemical Alterations in Rats. <i>International Journal of Pharmacology</i> , 2019 , 15, 777-789	0.7	
2	Drug-Induced Oxidative Stress and Cellular Toxicity. <i>Molecular and Integrative Toxicology</i> , 2021 , 73-113	0.5	
1	Recent advances in research of modes of hepatocyte death in anti-tuberculosis drug-induced liver injury. 2022 , 30, 817-822		0