

# Halka Lotkova

## List of Publications by Year in descending order

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24  
papers

575  
citations

759233

12  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1010  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of reduced and oxidized glutathione in biological samples using liquid chromatography with fluorimetric detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 1382-1387.	2.8	126
2	The Effect of <i>tert</i> -Butyl Hydroperoxide-Induced Oxidative Stress on Lean and Steatotic Rat Hepatocytes <i>In Vitro</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-12.	4.0	100
3	The toxic effect of thioacetamide on rat liver <i>in vitro</i> . <i>Toxicology in Vitro</i> , 2010, 24, 2097-2103.	2.4	70
4	<i>In Vitro</i> Toxicity of Epigallocatechin Gallate in Rat Liver Mitochondria and Hepatocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-10.	4.0	50
5	Susceptibility of rat non-alcoholic fatty liver to the acute toxic effect of acetaminophen. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2012, 27, 323-330.	2.8	31
6	Assessment of reduced glutathione: Comparison of an optimized fluorometric assay with enzymatic recycling method. <i>Analytical Biochemistry</i> , 2012, 423, 236-240.	2.4	26
7	Acetaminophen toxicity in rat and mouse hepatocytes <i>in vitro</i> . <i>Drug and Chemical Toxicology</i> , 2017, 40, 448-456.	2.3	21
8	Protective effect of S-adenosylmethionine on cellular and mitochondrial membranes of rat hepatocytes against <i>tert</i> -butylhydroperoxide-induced injury in primary culture. <i>Chemico-Biological Interactions</i> , 2005, 156, 13-23.	4.0	16
9	Mechanisms participating in oxidative damage of isolated rat hepatocytes. <i>Archives of Toxicology</i> , 2009, 83, 363-372.	4.2	16
10	Proteomic analysis to display the effect of low doses of erythropoietin on rat liver regeneration. <i>Life Sciences</i> , 2011, 89, 827-833.	4.3	16
11	Is rat liver affected by non-alcoholic steatosis more susceptible to the acute toxic effect of thioacetamide?. <i>International Journal of Experimental Pathology</i> , 2011, 92, 281-289.	1.3	16
12	Pravastatin modulates liver bile acid and cholesterol homeostasis in rats with chronic cholestasis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2011, 26, 1544-1551.	2.8	15
13	ANTIOXIDATIVE EFFECT OF EPIGALLOECATECHIN GALLATE AGAINST D-GALACTOSAMINE-INDUCED INJURY IN PRIMARY CULTURE OF RAT HEPATOCYTES. <i>Acta Medica (Hradec Kralove)</i> , 2014, 57, 3-8.	0.5	12
14	S-Adenosylmethionine Exerts a Protective Effect against Thioacetamide-induced Injury in Primary Cultures of Rat Hepatocytes. <i>ATLA Alternatives To Laboratory Animals</i> , 2007, 35, 363-371.	1.0	11
15	Evaluation of Mitochondrial Function in Isolated Rat Hepatocytes and Mitochondria during Oxidative Stress. <i>ATLA Alternatives To Laboratory Animals</i> , 2007, 35, 353-361.	1.0	10
16	Does Simple Steatosis Affect Liver Regeneration after Partial Hepatectomy in Rats?. <i>Acta Medica (Hradec Kralove)</i> , 2016, 59, 35-42.	0.5	10
17	Adaptation of Mitochondrial Substrate Flux in a Mouse Model of Nonalcoholic Fatty Liver Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1101.	4.1	7
18	Effect of S-adenosylmethionine on Acetaminophen-induced Toxic Injury of Rat Hepatocytes <i>in vitro</i> . <i>Acta Veterinaria Brno</i> , 2009, 78, 603-613.	0.5	5

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19	Peroxidative damage of mitochondrial respiration is substrate-dependent. <i>Toxicology Letters</i> , 2008, 180, S109.	0.8	4
20	Deteriorating effect of fluvastatin on the cholestatic liver injury induced by bile duct ligation in rats. <i>General Physiology and Biophysics</i> , 2011, 30, 66-74.	0.9	4
21	Determination of glutathione and glutathione disulfide in human whole blood using HPLC with coulometric detection: A comparison with fluorescence detection. <i>Collection of Czechoslovak Chemical Communications</i> , 2011, 76, 277-294.	1.0	4
22	Effect of D-galactosamine on mitochondria and prevention from galactosamine - induced injury by S-adenosylmethionine in hepatocyte culture. <i>Journal of Hepatology</i> , 2003, 38, 196.	3.7	1
23	Effect of S-adenosylmethionine on liver regeneration induced by partial hepatectomy. <i>General Physiology and Biophysics</i> , 2010, 29, 72-78.	0.9	1
24	Effect of S-adenosylmethionine on mitochondrial injury induced by tert-butyl hydroperoxide in hepatocyte culture. <i>Journal of Hepatology</i> , 2003, 38, 196.	3.7	0