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Toxicological and metabolic consequences of methanol poisoning

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#	Paper	IF	Citations
71	Protective Effects of N-Acetylcysteine and Vitamin E Derivative U83836E on Proteins Modifications Induced by Methanol Intoxication. <i>Toxicology Mechanisms and Methods</i> , 2005 , 15, 263-70	3.6	2
70	Methanol. <i>Medicine</i> , 2007 , 35, 633-634	0.6	32
69	Growth performance, carcass characteristics, meat quality, and tissue histology of growing pigs fed crude glycerin-supplemented diets. <i>Journal of Animal Science</i> , 2008 , 86, 2962-70	0.7	63
68	Digestible and metabolizable energy content of crude glycerin originating from different sources in nursery pigs. <i>Journal of Animal Science</i> , 2009 , 87, 4042-9	0.7	55
67	Fospropofol Disodium for Procedural Sedation: Emerging Evidence of its Value?. <i>Clinical Medicine Insights Therapeutics</i> , 2010 , 2, 1179559X1000200	0	2
66	Experimental setup and analytical methods for the non-invasive determination of volatile organic compounds, formaldehyde and NOx in exhaled human breath. <i>Analytica Chimica Acta</i> , 2010 , 669, 53-62	6.6	43
65	Formaldehyde in the indoor environment. <i>Chemical Reviews</i> , 2010 , 110, 2536-72	68.1	1012
64	Effect of long term intake of aspartame on antioxidant defense status in liver. <i>Food and Chemical Toxicology</i> , 2011 , 49, 1203-7	4.7	54
63	Nutritional and feeding value of crude glycerin for poultry. 2. Evaluation of feeding crude glycerin to broilers. <i>Journal of Applied Poultry Research</i> , 2011 , 20, 514-527	2	9
62	Nutritional and feeding value of crude glycerin for poultry. 1. Nutritional value of crude glycerin. <i>Journal of Applied Poultry Research</i> , 2011 , 20, 162-167	2	16
61	Apparent metabolizable energy of crude glycerin originating from different sources in broiler chickens. <i>Poultry Science</i> , 2011 , 90, 2528-34	3.9	16
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59	Formaldehyde induces rapid glutathione export from viable oligodendroglial OLN-93 cells. <i>Neurochemistry International</i> , 2012 , 61, 1302-13	4.4	22
58	Quantitative metabolomic profiling of serum, plasma, and urine by (1)H NMR spectroscopy discriminates between patients with inflammatory bowel disease and healthy individuals. <i>Journal of Proteome Research</i> , 2012 , 11, 3344-57	5.6	163
57	Alcohols and glycols. <i>Medicine</i> , 2012 , 40, 89-93	0.6	3
56	Proteomic analysis of rat retina after methanol intoxication. <i>Toxicology</i> , 2012 , 293, 89-96	4.4	9
55	Formate generated by cellular oxidation of formaldehyde accelerates the glycolytic flux in cultured astrocytes. <i>Glia</i> , 2012 , 60, 582-93	9	24

54	Long-term consumption of aspartame and brain antioxidant defense status. <i>Drug and Chemical Toxicology</i> , 2013 , 36, 135-40	2.3	27
53	Formaldehyde metabolism and formaldehyde-induced stimulation of lactate production and glutathione export in cultured neurons. <i>Journal of Neurochemistry</i> , 2013 , 125, 260-72	6	34
52	Formaldehyde in brain: an overlooked player in neurodegeneration?. <i>Journal of Neurochemistry</i> , 2013 , 127, 7-21	6	137
51	Fatal methanol poisoning: features of liver histopathology. <i>Toxicology and Industrial Health</i> , 2013 , 29, 136-41	1.8	6
50	Growth performance, carcass characteristics and meat quality of finishing bulls fed crude glycerin-supplemented diets. <i>Brazilian Archives of Biology and Technology</i> , 2013 , 56, 327-336	1.8	30
49	Long-term effect of aspartame on the liver antioxidant status and histopathology in Wistar albino rats. <i>Biomedicine and Preventive Nutrition</i> , 2014 , 4, 299-305		8
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47	Scientific Opinion on the safety and efficacy of formaldehyde for all animal species based on a dossier submitted by Adiveter S.L.. <i>EFSA Journal</i> , 2014 , 12, 3562	2.3	6
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35	Alcohols and glycols. <i>Medicine</i> , 2016 , 44, 128-132	0.6	4
34	Determination of formaldehyde in wet marketed fish by HPLC analysis: A negligible concern for fish and food safety in Bangladesh. <i>Egyptian Journal of Aquatic Research</i> , 2017 , 43, 245-248	3.1	14
33	Do chromosome changes in blood cells implicate formaldehyde as a leukemogen?. <i>Critical Reviews in Toxicology</i> , 2017 , 47, 145-184	5.7	12
32	Erythropoietin in Treatment of Methanol Optic Neuropathy. <i>Journal of Neuro-Ophthalmology</i> , 2018 , 38, 167-171	2.6	14
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27	Changes in the Lipid Composition of Biological Membranes under the Influence of Endogenous and Exogenous Factors. <i>Biochemistry (Moscow)</i> , 2019 , 84, 164-170	2.9	
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25	Performance, meat quality and fatty acid profile of broiler chickens fed mixed semi-purified glycerin. <i>Animal Production Science</i> , 2019 , 59, 295	1.4	1
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23	The failure of two major formaldehyde catabolism enzymes (ADH5 and ALDH2) leads to partial synthetic lethality in C57BL/6 mice. <i>Genes and Environment</i> , 2020 , 42, 21	2.8	13
22	Insight into the mechanism of aspartame-induced toxicity in male reproductive system following long-term consumption in mice model. <i>Environmental Toxicology</i> , 2021 , 36, 223-237	4.2	1
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16	The Identification of Genetic Determinants of Methanol Tolerance in Yeast Suggests Differences in Methanol and Ethanol Toxicity Mechanisms and Candidates for Improved Methanol Tolerance Engineering. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	3
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