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Acrylamide-induced oxidative stress and biochemical perturbations in rats

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#	Paper	IF	Citations
185	Intestinal transport and metabolism of acrylamide. <i>Toxicology</i> , 2007 , 232, 99-108	4.4	45
184	Molecular Mechanisms in Spermatogenesis. 2008 ,		11
183	Inhibition of acrylamide toxicity in mice by three dietary constituents. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 6054-60	5.7	32
182	Review of methods for the reduction of dietary content and toxicity of acrylamide. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 6113-40	5.7	205
181	Inhibition of rat testicular nuclear kinesins (krp2; KIFC5A) by acrylamide as a basis for establishing a genotoxicity threshold. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 6024-30	5.7	16
180	Antioxidant systems and oxidative stress in the testes. 2008 , 1, 15-24		441
179	Acrylamide-induced oxidative stress in human erythrocytes. <i>Human and Experimental Toxicology</i> , 2009 , 28, 611-7	3.4	36
178	Investigation of the low-dose response in the in vivo induction of micronuclei and adducts by acrylamide. 2009 , 107, 247-57		44
177	The moderating role of dark soy sauce to acrylamide-induced oxidative stress and neurophysiological perturbations in rats. 2009 , 19, 434-40		9
176	Acrylamide: Consideration of species differences and nonlinear processes in estimating risk and safety for human ingestion. <i>Food and Chemical Toxicology</i> , 2009 , 47, 760-8	4.7	25
175	Cytotoxicity and chromosomal aberrations induced by acrylamide in V79 cells: role of glutathione modulators. 2009 , 676, 87-92		20
174	Antioxidant systems and oxidative stress in the testes. 2008 , 636, 154-71		85
173	Protective role of dark soy sauce against acrylamide-induced neurotoxicity in rats by antioxidative activity. 2009 , 19, 369-74		10
172	Effect of prenatal and perinatal acrylamide on the biochemical and morphological changes in liver of developing albino rat. 2010 , 84, 129-41		30
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169	Acrylamide induces cell death in neural progenitor cells and impairs hippocampal neurogenesis. 2010 , 193, 86-93		71

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166	Enhanced fat consumption potentiates acrylamide-induced oxidative stress in epididymis and epididymal sperm and effect spermatogenesis in mice. 2010 , 20, 75-81		9
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163	Role of the Nrf2-ARE pathway in acrylamide neurotoxicity. 2011 , 205, 1-7		28
162	Protective potential of methanol extract of <i>Digera muricata</i> on acrylamide induced hepatotoxicity in rats. 2011 , 10, 8456-8464		14
161	Procyanidin B2 and a cocoa polyphenolic extract inhibit acrylamide-induced apoptosis in human Caco-2 cells by preventing oxidative stress and activation of JNK pathway. 2011 , 22, 1186-94		98
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154	Evidence of acrylamide induced oxidative stress and neurotoxicity in <i>Drosophila melanogaster</i> - its amelioration with spice active enrichment: relevance to neuropathy. 2012 , 33, 1254-64		60
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136	Metabolic and histopathological alterations in the marine bivalve <i>Mytilus galloprovincialis</i> induced by chronic exposure to acrylamide. 2014 , 135, 55-62	23
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134	Melatonin Attenuates Oxidative Damage Induced by Acrylamide In Vitro and In Vivo. 2015 , 2015, 703709	46
133	The protective effect of N-acetylcysteine against acrylamide toxicity in liver and small and large intestine tissues. 2015 , 116, 252-8	16

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125	Neuroprotective Effect of Calpeptin on Acrylamide-Induced Neuropathy in Rats. 2015 , 40, 2325-32		16
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11	The preventive effect of taxifolin on acrylamide-induced heart damage in rats. <i>Revista De Nutricao</i> , 35,	1.8	0
10	Protective Effects of Wine Polyphenols on Oxidative Stress and Hepatotoxicity Induced by Acrylamide in Rats. <i>Antioxidants</i> , 2022 , 11, 1347	7.1	0
9	The Impact of Heat Treatment of Quercetin and Myricetin on their Activities to Alleviate the Acrylamide-Induced Cytotoxicity and Barrier Loss in IEC-6 Cells.		0
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7	Lepidium meyenii Walp (red maca) Supplementation Prevents Acrylamide-Induced Oxidative Stress and Liver Toxicity in Rats: Phytochemical Composition by UHPLC/ESI-MS/MS.		0

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