

Biochemical study on the hypoglycemic effects of onion diabetic rats

Food and Chemical Toxicology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Protective Effects of Glurenorm (Gliquidone) Treatment on the Liver Injury of Experimental Diabetes. Drug and Chemical Toxicology, 2005, 28, 483-497.	2.3	12
2	Constituents of Essential Oils of <i>Apium graveolens</i> L., <i>Allium cepa</i> L., and <i>Voacanga africana</i> Staph. from Nigeria. Journal of Essential Oil-bearing Plants: JEOP, 2006, 9, 126-132.	1.9	16
3	Antidiabetic effect of garlic oil but not diallyl disulfide in rats with streptozotocin-induced diabetes. Food and Chemical Toxicology, 2006, 44, 1377-1384.	3.6	92
4	Raw and boiled garlic enhances plasma antioxidant activity and improves plasma lipid metabolism in cholesterol-fed rats. Life Sciences, 2006, 78, 655-663.	4.3	100
5	Leads from Indian medicinal plants with hypoglycemic potentials. Journal of Ethnopharmacology, 2006, 106, 1-28.	4.1	340
6	Safety of Traditional Arab Herbal Medicine. Evidence-based Complementary and Alternative Medicine, 2006, 3, 433-439.	1.2	225
7	Effects of tsao-ko, Turmeric and Garlic on Body Fat Content and Plasma Lipid Glucose and Liver Lipid Levels in Mice (A comparative Study of Spices). Food Science and Technology Research, 2007, 13, 241-246.	0.6	7
8	Ethnopharmacological survey of plants used in the traditional treatment of hypertension and diabetes in south-eastern Morocco (Errachidia province). Journal of Ethnopharmacology, 2007, 110, 105-117.	4.1	450
10	Hypoglycemic Effect of Aqueous Shallot and Garlic Extracts in Rats with Fructose-Induced Insulin Resistance. Journal of Clinical Biochemistry and Nutrition, 2007, 41, 218-223.	1.4	77
11	The atherosclerotic heart disease and protecting properties of garlic: contemporary data. Molecular Nutrition and Food Research, 2007, 51, 1365-1381.	3.3	66
12	Does garlic have a role as an antidiabetic agent?. Molecular Nutrition and Food Research, 2007, 51, 1353-1364.	3.3	71
13	Essential oil composition and antibacterial activity of different extracts of <i>Allium roseum</i> L., a North African endemic species. Comptes Rendus Chimie, 2007, 10, 820-826.	0.5	71
14	Determination of total phenolic and flavonoid contents in selected fruits and vegetables, as well as their stimulatory effects on mouse splenocyte proliferation. Food Chemistry, 2007, 101, 140-147.	8.2	669
15	Cinnamaldehydeâ€”A potential antidiabetic agent. Phytomedicine, 2007, 14, 15-22.	5.3	351
16	Onion and garlic extracts lessen cadmium-induced nephrotoxicity in rats. BioMetals, 2008, 21, 623-633.	4.1	48
17	Attenuation of streptozotocin-induced oxidative stress in hepatic and intestinal tissues of wistar rat by methanolic-garlic extract. Acta Diabetologica, 2008, 45, 243-251.	2.5	35
18	Effects of diallyl sulfide and zinc on testicular steroidogenesis in cadmiumâ€”treated male rats. Journal of Biochemical and Molecular Toxicology, 2008, 22, 345-353.	3.0	67
19	Structural characterization and hypoglycemic activity of a polysaccharide isolated from the fruit of <i>Physalis alkekengi</i> L. Carbohydrate Polymers, 2008, 71, 316-323.	10.2	88

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20	Pancreas β -cells morphology, liver antioxidant enzymes and liver oxidative parameters in alloxan-resistant and alloxan-susceptible Wistar rats: a viable model system for the study of concepts into reactive oxygen species. <i>Fundamental and Clinical Pharmacology</i> , 2008, 22, 657-666.	1.9	15
21	Effects of 18 β -glycyrrhizin on the pharmacodynamics and pharmacokinetics of glibenclamide in alloxan-induced diabetic rats. <i>European Journal of Pharmacology</i> , 2008, 587, 330-335.	3.5	23
22	Effect of Ethanolic Extract of <i>Juglans regia</i> L. on Blood Sugar in Diabetes-Induced Rats. <i>Journal of Medicinal Food</i> , 2008, 11, 533-538.	1.5	93
23	Comparative Effects of Dietary Ginger (<i>Zingiber officinale</i>) and Garlic (<i>Allium sativum</i>) Investigated in a Type 2 Diabetes Model of Rats. <i>Journal of Medicinal Food</i> , 2008, 11, 152-159.	1.5	103
24	Effects of Dietary Onion (<i>Allium cepa</i> L.) in a High-Fat Diet Streptozotocin-Induced Diabetes Rodent Model. <i>Annals of Nutrition and Metabolism</i> , 2008, 53, 6-12.	1.9	43
25	Animal models to test drugs with potential antidiabetic activity. <i>Journal of Ethnopharmacology</i> , 2008, 115, 173-183.	4.1	205
26	Resveratrol, a natural phytoalexin, normalizes hyperglycemia in streptozotocin-nicotinamide induced experimental diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2008, 62, 598-605.	5.6	197
27	Dietary diphenyl diselenide reduces the STZ-induced toxicity. <i>Food and Chemical Toxicology</i> , 2008, 46, 186-194.	3.6	58
28	Protective roles of onion and garlic extracts on cadmium-induced changes in sperm characteristics and testicular oxidative damage in rats. <i>Food and Chemical Toxicology</i> , 2008, 46, 3604-3611.	3.6	112
29	Garlic (<i>Allium sativum</i>) and ginger (<i>Zingiber officinale</i>) attenuate structural nephropathy progression in streptozotocin-induced diabetic rats. <i>European E-journal of Clinical Nutrition and Metabolism</i> , 2008, 3, e62-e71.	0.4	52
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35	1,2-Vinyldithiin from Garlic Inhibits Differentiation and Inflammation of Human Preadipocytes. <i>Journal of Nutrition</i> , 2009, 139, 2055-2060.	2.9	61
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37	Antidiabetic and antilipidemic effect of eremanthin from <i>Costus speciosus</i> (Koen.) Sm., in STZ-induced diabetic rats. <i>Chemico-Biological Interactions</i> , 2009, 182, 67-72.	4.0	137
38	Pancreatic tissue protective nature of D-Pinitol studied in streptozotocin-mediated oxidative stress in experimental diabetic rats. <i>European Journal of Pharmacology</i> , 2009, 622, 65-70.	3.5	36

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39	Hepatoprotective Potentials of Onion and Garlic Extracts on Cadmium-Induced Oxidative Damage in Rats. Biological Trace Element Research, 2009, 129, 143-156.	3.5	62
40	Biochemical evaluation of antihyperglycemic and antioxidative effects of Morinda citrifolia fruit extract studied in streptozotocin-induced diabetic rats. Medicinal Chemistry Research, 2009, 18, 433-446.	2.4	23
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48	Antioxidant activity and α -glucosidase inhibitory potential of onion (<i>Allium cepa</i> L.) extracts. Food Science and Biotechnology, 2010, 19, 159-164.	2.6	44
49	Garlic Oil and Vitamin E Prevent the Adverse Effects of Lead Acetate and Ethanol Separately as well as in Combination in the Drinking Water of Rats. Indian Journal of Clinical Biochemistry, 2010, 25, 280-288.	1.9	40
50	Cytoprotective effect of <i>Semecarpus anacardium</i> against toxicity induced by Streptozotocin in rats. Journal of Experimental Pharmacology, 2010, 2, 135.	3.2	5
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58	Plants used for the treatment of diabetes in Jordan: A review of scientific evidence. Pharmaceutical Biology, 2011, 49, 221-239.	2.9	65
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81	Anti-Obesity Effects of Onion Extract in Zucker Diabetic Fatty Rats. Nutrients, 2012, 4, 1518-1526.	4.1	61
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98	Effect of Vitamin C and / or Vitamin E on Kidney , Liver and brain Functions of Streptozotocin-Induced Diabetic Rats. <i>The Egyptian Journal of Hospital Medicine</i> , 2013, 53, 799-808.	0.1	2
99	Traditional Indian Medicines Used for the Management of Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-11.	2.3	80
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108	Spice plant <i>Allium cepa</i> : Dietary supplement for treatment of type 2 diabetes mellitus. <i>Nutrition</i> , 2014, 30, 1128-1137.	2.4	118
109	Evaluation of antibacterial activity of crude protein extracts from seeds of six different medical plants against standard bacterial strains. <i>Saudi Journal of Biological Sciences</i> , 2014, 21, 147-151.	3.8	58
110	Diabetes mellitus and medicinal plants-a review. <i>Asian Pacific Journal of Tropical Disease</i> , 2014, 4, 337-347.	0.5	67
111	Antioxidant Potential of Spices and Their Active Constituents. <i>Critical Reviews in Food Science and Nutrition</i> , 2014, 54, 352-372.	10.3	225

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112	Effects of <i>Tulbaghia violacea</i> Harv. (Alliaceae) rhizome methanolic extract on kidney function and morphology in Dahl salt-sensitive rats. <i>Journal of Ethnopharmacology</i> , 2014, 155, 1194-1203.	4.1	9
113	Anti-diabetic and spasmolytic potential of <i>Farsetia hamiltonii</i> Royle from Cholistan desert. <i>Journal of Ethnopharmacology</i> , 2014, 156, 347-352.	4.1	12
114	Biochemical basis of the use of cocoyam (<i>Colocassia esculenta</i> L.) in the dietary management of diabetes and its complications in streptozotocin induced diabetes in rats. <i>Asian Pacific Journal of Tropical Disease</i> , 2014, 4, S705-S711.	0.5	14
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121	Ameliorative effect of spirulina against streptozotocin-induced diabetic changes in the pancreas of adult male albino rats. <i>Egyptian Journal of Histology</i> , 2015, 38, 427-437.	0.1	1
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124	Functional Assessments and Histopathology of Hepatic and Renal Tissues of Wistar Rats Fed with Cocoa Containing Diets. <i>Journal of Nutrition & Food Sciences</i> , 2015, s11, .	1.0	1
125	Étude ethnobotanique des plantes médicinales utilisées dans le traitement du diabète, et des maladies cardiaques dans la région d'Azarane (Nord du Maroc). <i>Journal of Applied Bioscience</i> , 2015, 86, 7940.	0.7	41
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127	<i>Allium sativum</i> . , 2015, , 210-360.		0
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129	Role of hydrogen sulfide in skeletal muscle biology and metabolism. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 46, 66-71.	2.7	38

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131	In vivo effects of dietary quercetin and quercetin-rich red onion extract on skeletal muscle mitochondria, metabolism, and insulin sensitivity. <i>Genes and Nutrition</i> , 2015, 10, 451.	2.5	66
132	Evaluation of antidiabetic activity of plants used in Western Sudan. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2015, 5, 395-402.	1.2	18
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134	Hepatoprotective and urease inhibitory activities of garlic conjugated gold nanoparticles. <i>New Journal of Chemistry</i> , 2015, 39, 5003-5007.	2.8	10
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136	<i>Allium cepa</i> ., 2015, , 124-203.		7
137	Garlic (<i>Allium sativum</i>): diet based therapy of 21st centuryâ€a review. <i>Asian Pacific Journal of Tropical Disease</i> , 2015, 5, 271-278.	0.5	92
138	Immunohistochemistry, histopathology, and biomarker studies of swertiamarin, a secoiridoid glycoside, prevents and protects streptozotocin-induced Î²-cell damage in Wistar rat pancreas. <i>Journal of Endocrinological Investigation</i> , 2015, 38, 669-684.	3.3	21
139	Diabetes mellitus and its management with medicinal plants: A perspective based on Iranian research. <i>Journal of Ethnopharmacology</i> , 2015, 175, 567-616.	4.1	17
140	Onion and garlic extracts as potential antidotes for cadmium-induced biochemical alterations in prostate glands of rats. <i>Andrologia</i> , 2015, 47, 1075-1082.	2.1	7
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142	Onion: Nature Protection Against Physiological Threats. <i>Critical Reviews in Food Science and Nutrition</i> , 2015, 55, 50-66.	10.3	131
143	Protective Effect of <i>Punica granatum</i> Peel and <i>Vitis vinifera</i> Seeds on DEN-Induced Oxidative Stress and Hepatocellular Damage in Rats. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 410-420.	2.9	19
144	In Vivo Anti-diabetic and Biological Activities of Milk Protein and Milk Protein Hydrolyaste. <i>Journal of Advances in Dairy Research</i> , 2016, 4, .	0.5	4
145	Herbs and Botanical Ingredients with Beneficial Effects on Blood Sugar Levels in Pre-diabetes. <i>Herbal Medicine Open Access</i> , 2016, 2, .	0.0	0
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